EXPANDED EDITION

The History of Western Philosophy

for Teenagers

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Book Title: *The History of Western Philosophy for Teenagers*

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Publisher: Avaye Bahar

Edition & Year of Publication: First Edition, 2025

Price: —

ISBN: 978-622-8334-15-8

Print Run: 250 copies

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Introduction

I am a father with a curious teenage son. He keeps asking me questions like, “Why is the world like this? Why do humans think? What is philosophy?” His curiosity inspired me to write this book for him—a book that explains Western philosophy in a simple way for young readers.

This book was first collected and written in Persian, and then translated into English with the help of artificial intelligence. I hope it will be useful for all curious teenagers who, like my son, are full of questions.

Science and philosophy are achievements shared by all humans. We are alone on this planet, so by helping each other, we can explore the unknown together. Science and philosophy are not fixed destinations—they are dynamic and adventurous journeys. Many generations of philosophers and scientists have worked hard so that we can understand the world better today, and there are still thousands of questions and challenges ahead.

Great thinkers like Socrates, Plato, and Aristotle laid the foundations of philosophy, which is a way to think deeply about the world and existence. Other philosophers throughout history have continued this path, and we can learn from them today.

This book is an effort to introduce this journey and the people who shaped it. But what really matters is your effort, curiosity, and creativity. Think about questions, explore, and take science, philosophy, and culture one step further.

Habib ollah Noorani

This book is dedicated to all dear teenagers around the world. I hope you are well and happy, and I sincerely hope that reading this book will be helpful, inspiring, and enjoyable for you.

Chapter One: Greek Philosophy

From Myth to Philosophy

Explaining the World (Understanding the World)

Ever since human beings became aware of themselves, they have been curious about how the world came into existence and what their role in it is. Since ancient times, people have faced questions such as:

Who am I?

What is the world made of?

Is the world made of one substance or many?

What happens after death?

Should humans change nature, or should they adapt themselves to it?

To live better, we need to have a kind of mental map of the world. In other words, we need to understand how the world works and where we fit into it. That is why human beings have always searched for ways to explain the world.

Human Ways of Understanding the World

Throughout history, people have used different methods to answer their most fundamental questions. We can distinguish five important ways of understanding and explaining the world: **mythological explanation, philosophical explanation, religious explanation, mystical or spiritual explanation, and scientific explanation**.

The first two became especially important in ancient Greek civilization, while the other approaches developed further in later historical periods.

1. Mythological Explanation: Understanding the World Through Stories and Myths

Before the birth of philosophy, people explained many events and phenomena through stories about gods, heroes, and supernatural powers. In ancient Greece, poets such as Homer and Hesiod interpreted the world through myths and stories about gods and heroes.

For example, in Greek mythology, the actions of the gods could explain many events in the world, and the forces of nature were often connected to divine powers. In this type of explanation, imagination, storytelling, religious beliefs, and traditions played an important role.

People were not yet trying to find a natural and logical cause for every event. Instead, they gave meaning to the world through mythical stories.

2. Philosophical Explanation: Understanding the World Through Reason and Thought

Around the sixth century BCE, a new way of thinking began to develop in Greek cities, especially in Ionia. Philosophers such as Thales and other Pre-Socratic thinkers tried to explain the world not only through stories about gods, but also through reason, observation, and the search for natural causes.

This was a very important change. Human beings wanted to use their own ability to reason to ask questions about the world and to give reasons for their answers.

For example, Thales asked, **"What is the world made of?"** He answered that water was the source, or fundamental principle, of the world. His answer may not be scientifically correct according to modern science, but the importance of his idea was that he tried to find a natural and rational explanation for the world.

The philosophers who came after him also asked questions about matter, change, movement, human beings, truth, and the structure of the world. In this way, philosophical explanation developed: an attempt to understand the world through **reason, argument, and questioning**.

3. Religious Explanation: Understanding the World Through Revelation and Faith

With the rise and spread of Christianity, people increasingly turned to religious teachings to understand the world and human life. During the Middle Ages, especially in Christian Europe, religious explanation became one of the most important ways of understanding the world.

Christian thinkers tried to explain the world, human beings, morality, and the meaning of life on the basis of religious faith and Christian teachings.

In this type of explanation, God is considered the ultimate source of truth. Therefore, answers to many important human questions—such as **How did the world come into existence? Why were human beings created? What does it mean to live a good life?**—are found in religious teachings.

An important difference between this approach and philosophical explanation is that religious explanation considers revelation and faith to be important sources of knowledge about truth. Religious truth is also seen as having a special authority and certainty because it is believed to come from God.

Through religion, this type of explanation provides a picture of the universe, the role of human beings within it, and the purpose and ultimate destination of both the world and humanity.

4. Mystical or Spiritual Explanation: Understanding the World Through Unity and Love

Alongside religious explanation, there is another way of understanding the world that can be called **mystical or spiritual explanation**. In this view, God, the world, and human beings are connected as parts or expressions of one unified reality.

The world and human beings are seen as manifestations or reflections of God, and existence itself is viewed as beautiful and magnificent. According to this perspective, human beings have two dimensions: **body and spirit**. Existence can also be understood as having two aspects: a spiritual aspect and a material aspect.

The goal of life, in this view, is moral and human growth and the development of kindness and love toward oneself and others.

This type of explanation can also be found within the Abrahamic religions, but spiritual explanation is different from religious explanation because it places greater emphasis on inner experience and the deeper, inward side of life. Representatives of this perspective can be found in Christian, Jewish, and Islamic traditions.

The philosopher Spinoza can also be seen as close to this view. He identified God with nature and saw existence as an expression of one unified reality.

Unlike religious explanation, which emphasizes revelation and religious law, mystical explanation is based more strongly on love, kindness, and respect for all human beings. This view is not limited to one group or community; instead, it has a more universal and human-centered perspective.

In this view, God is the source of goodness and kindness, and the afterlife is seen as a destination filled with beauty and wonder. Love and compassion are at the heart of spiritual explanation, and caring for oneself and others is considered a central human responsibility.

5. Scientific Explanation: Understanding the World Through Observation and Experiment

With the growth of modern science—especially from the Renaissance and the Scientific Revolution onward—a new way of understanding the world developed. People increasingly tried to explain natural phenomena through **observation, measurement, experimentation, and the creation of testable theories**.

In physics, Newton used the laws of motion and gravity to provide mathematical explanations for many natural phenomena. Later, Darwin used the theory of evolution to explain how living things change over time. Einstein's theory of relativity transformed humanity's understanding of space, time, and gravity.

In the twentieth century, quantum physics also presented a new picture of the world at the atomic and subatomic levels.

A Mythological View of the World: Homer and Hesiod

Before philosophers, people used myths to answer important questions about the world. These were stories filled with gods, heroes, and mysterious or supernatural powers.

Homer: The Poet of Heroes

Homer is considered one of the greatest poets of ancient Greece. In his two famous works, *The Iliad* and *The Odyssey*, he tells stories about wars, heroes, and gods.

In Homer’s view, many events happened because of the will of the gods. For example, if the sea became stormy, people might believe that Poseidon, the god of the sea, was angry.

Hesiod: The Poet of the Creation of the World

Hesiod wanted to understand how the world began. In his book *Theogony*, he tells the story of creation through myths. First, there was Chaos. Then the Earth, the Sky, and the gods appeared, and eventually Zeus became the ruler of the gods.

In Hesiod's view, the world was explained through divine powers and mythical stories rather than natural laws.

From Myth to Philosophy

Myths explained unknown things through stories. But philosophers began to say: **"Instead of relying only on stories, we should search for the real causes of things."**

This change marked the beginning of philosophy—a move from explaining the world mainly through myth and imagination to using **reason and critical thinking**.

Summary

Homer and Hesiod explained the world through stories and mysterious or divine powers. Philosophers, however, argued that we should use thought and the laws of nature to understand the world.

This great change marked the beginning of philosophy and the development of rational thinking.

Ancient Greece: A Land of Ideas

1. An Amazing Civilization

Ancient Greek civilization was one of the most remarkable civilizations in human history. Ancient Greece was not a single unified country like modern nations. Instead, it was made up of different cities and city-states, each with its own laws and way of life.

In cities such as Athens, thinkers and citizens discussed many different subjects. This interest in asking questions, having conversations, and discovering new answers helped philosophy, art, architecture, science, and literature grow.

2. The Beginning of Philosophy

Philosophers such as Thales and Pythagoras tried to explain the world through observation, reasoning, and careful thought.

Later, philosophers such as Socrates, Plato, and Aristotle asked even deeper questions about human beings, ethics, government, knowledge, and the meaning of life.

The Greeks came to believe that understanding the world should not depend only on old stories and traditional beliefs. People should also **ask questions, look for reasons, think carefully, and examine possible answers**.

3. Science: The Greeks Were Not Just Philosophers!

The ancient Greeks did not think only about philosophy and human life. They also made important contributions to mathematics, medicine, astronomy, geography, and engineering.

Euclid was one of the greatest mathematicians of the ancient world. He organized much of the geometric knowledge of his time and wrote a famous work on geometry. Many of the principles that students learn in geometry today have their roots in his work.

Archimedes, another great Greek thinker, was a pioneer in mathematics and mechanics. He studied levers, floating objects, and simple machines. A famous story says that he shouted, **"I have found it!"**, or **"Eureka!"**, after making an important discovery. This story helped make him one of the most famous scientists of the ancient world.

In medicine, **Hippocrates** was also an important figure. He believed that diseases often had natural and physical causes and tried to move medicine away from magical and superstitious explanations. For this reason, he is considered one of the important figures in the history of medicine.

Eratosthenes made remarkable contributions to geography and mathematics. By using shadows, angles, and geometry, he was able to estimate the circumference of the Earth. Doing this more than two thousand years ago, without satellites or modern technology, was an extraordinary achievement.

In this way, the Greeks showed us that curiosity and questioning can lead from philosophy to science. A simple question about the world can lead to discoveries in mathematics, medicine, astronomy, or geography.

Perhaps the most surprising thing is that many of these thinkers did not have modern tools. Yet, through observation, measurement, reasoning, and experimentation, they were able to reach important conclusions about the world.

4. Art in Ancient Greece

Two important types of drama in ancient Greece were **tragedy** and **comedy**.

In tragedies, the stories were usually about characters facing serious problems, difficult choices, and the power of fate. One of the most famous writers of tragedy was **Sophocles**. He wrote well-known plays such as *Oedipus Rex* and *Antigone*, exploring subjects such as fate, responsibility, and human choices.

Comedy, in contrast, was based more on humor and satire. Sometimes it made fun of the behavior of ordinary people, politicians, or problems in society. **Aristophanes** was one of the most famous writers of comedy in ancient Greece.

The Greeks built large open-air theaters for their performances. These theaters were often shaped like a semicircle, with rows of seats so that the audience could see the stage clearly and hear the actors.

Some of these theaters were built with such impressive design and accuracy that they are still admired today.

Greek theater was not only about entertainment. Through plays, people also thought about morality, power, family, war, human decisions, and problems in society.

For this reason, the influence of Greek theater can still be seen in modern movies, theater, and storytelling.

5. Sports and the Olympic Games

The ancient Olympic Games traditionally began in **776 BCE** in the city of Olympia. These competitions were held in honor of Zeus, one of the most important Greek gods.

Athletes competed in events such as running, wrestling, and throwing contests. For the Greeks, sports were not just entertainment. They valued physical strength, skill, training, and hard work.

The Olympic Games also show that the Greeks valued competition, discipline, perseverance, and the development of both the **body and the mind**.

6. Democracy: The People and Decision-Making

One of the most important legacies of ancient Greece, especially the city of Athens, was the development of an early form of democracy. The word **democracy** comes from Greek words meaning **"people"** and **"rule"** or **"government."**

In Athens, citizens could gather in a public assembly, discuss certain important issues, and vote on them. However, Athenian democracy was different from modern democracy. For example, women, enslaved people, and many other residents of the city did not have the right to participate in political life.

The courts were also interesting. In many cases, a large group of citizens was chosen to serve as a jury. They listened to both sides and then voted to decide the outcome of the case.

In this way, making judgments was not always left to just one judge, and citizens could play a role in the legal system and the administration of justice.

The Beginning of Philosophy: The First Greek Philosophers

The Pre-Socratic Philosophers

Thales: The Man Who Wanted to Understand the World Through Reason

About 2,600 years ago, in the city of Miletus, near the Aegean Sea, a man named Thales lived. He looked at the world differently from many people of his time. Like other people, Thales knew the Greek myths and stories about the gods. But when he looked at the world, an important question came to his mind: Did we really need stories about the gods to explain everything? Thales wanted to think for himself. He looked at the sky and watched the stars. He observed rain and rivers, noticed how plants grew, and paid attention to living things. Instead of finding a story about a god for every natural event, he asked, "Could there be a natural reason for these things?"

This was an important moment in the history of human thought. In traditional myths, natural events were often explained through stories about gods and supernatural forces. Thales tried something different. He wanted to understand the world through reason, observation, and logical thinking. This does not mean that Thales suddenly rejected all myths or invented modern science. His importance comes from the fact that he tried to find a natural and rational explanation for the world. He asked, "If we study the world as it really is, can we use our own minds to understand it?"

Thales had an answer to this question: water. Water was everywhere—in the seas and rivers, in the rain, in plants, and in living things. Without water, life would not be possible. So Thales thought that perhaps water was the basic source of everything. He believed that everything came from water.

Today, we know that this idea is not scientifically correct. The world is not made entirely of water. But the most important part of Thales's story is not whether his answer was correct. What matters is how he asked the question and how he searched for an answer. Instead of depending only on traditional myths, Thales tried to use his own reason and his observations of nature.

This was one of the most important changes at the beginning of Greek philosophy: the movement from mythical explanations to rational explanations. A philosopher asks, "How does the world work?" and then tries to find an answer through reasons and arguments. Nature was no longer just the setting for stories about gods. It became something people could observe, question, and think about.

Thales may not have discovered the correct answer about the origin of the universe, but he did something extremely important: he dared to ask questions about the world and tried to find the answers using his own mind. That was one of the first great steps in the story of philosophy.

Anaximander: If It Isn't Water, Then What Is the World Made From?

Anaximander was a student and follower of Thales in Miletus. He respected his teacher's ideas, but he had a simple question: "If everything is made from water, then where did water come from?" He looked around him and noticed that fire was different from water, earth was different from air, and none of these things seemed able to explain everything. So Anaximander took the question one step further.

He suggested that the source of the universe might not be something familiar like water, fire, or earth. Instead, perhaps it was something unlimited and endless, from which everything else came. He called this source the Apeiron, a Greek word meaning something unlimited or boundless.

According to Anaximander, different things in the universe come from this endless source and eventually return to it. His idea may sound strange from the point of view of modern science, but his question was very important: "Do we have to choose something familiar, like water or earth, to explain the universe? Or could its source be something we cannot directly see?"

Anaximander was also interested in the sky and the Earth. He thought about the structure of the universe and created one of the earliest known maps of the Greek world. He showed that philosophy is not simply about accepting old answers. Sometimes, we need to question even the ideas of our teachers.

Anaximenes: Maybe the Secret of the Universe Is Something That Is Everywhere

After Anaximander, another thinker from Miletus, Anaximenes, continued the search. He wondered, "If the source of everything is something unlimited, how do all the different things in the world come from it?"

Anaximenes focused on something that was everywhere but usually invisible: air. We cannot normally see air, but we can feel it. We breathe it, we see the effects of wind, and we know that life cannot continue without it. Anaximenes believed that air might be the basic substance of the universe. He thought that different things could come from air as it changed.

For example, he believed that when air became more compressed, it could turn into things such as wind, water, earth, and even stone. When it became less dense, it could become more like fire. Today, we know that this explanation is not scientifically correct. But Anaximenes was asking an interesting question: "Could things that look completely different actually be different forms of the same basic substance?"

Like Thales and Anaximander, Anaximenes tried to explain the world through nature itself rather than mainly through traditional myths.

Pythagoras: The Man Who Looked for Mathematical Order in the Universe

Imagine listening to music and, instead of simply enjoying it, asking, "Why do some sounds fit together and sound beautiful?" Pythagoras and his followers were interested in questions like this.

Pythagoras believed that the universe had a kind of mathematical order and harmony. He studied relationships between numbers, music, and geometric shapes. He believed that numbers could reveal some of the hidden order of the universe. For him, mathematics was not just a way to count things. It was also a way to understand the structure of the world.

Pythagoras and his followers formed a community with a simple and organized way of life. They valued learning, music, mathematics, and philosophical thinking. However, some ideas later connected with Pythagoras may actually have belonged to his followers.

Still, the main Pythagorean idea was extremely influential: maybe behind the complicated and changing appearance of the universe, there is a mathematical order. This question later became important in the history of mathematics and science.

Heraclitus: Why Does Nothing Stay the Same?

When Heraclitus looked at the world, he saw one thing more than anything else: change. The seasons change. People grow older. Plants grow and then dry up. Rivers are always moving. So Heraclitus asked, "If everything is changing, can anything really stay the same?"

He believed that the universe is always changing. A river that we see now does not contain exactly the same water that it contained a moment ago. And the person standing beside the river has also changed. This idea is connected to a famous saying about rivers: "You cannot step into the same river twice." The river has changed, and so have you.

Heraclitus also used fire as a symbol for the universe because fire is always moving and changing. But there was something even more interesting about his idea. He did not believe that change was complete chaos. He thought that there was some kind of order and law behind all the changes in the universe.

So his question was not only, "Why does everything change?" It was also, "Can we discover the order of the universe among all this change?"

Parmenides: If Our Senses Can Be Wrong, What Should We Trust?

Parmenides took a very different path. With our eyes, we can see things changing. Something is born, grows, becomes old, and eventually disappears. But Parmenides asked, "Is everything our senses show us really the ultimate truth?"

He believed that we should not depend only on our senses when searching for truth. We also need reason and logical thinking. Parmenides argued that what exists cannot simply come from nothing and then disappear completely into nothing. Because of this, he believed that the deepest reality of the universe must be unchanging.

This created a fascinating disagreement in philosophy. Heraclitus said, "We see the world changing." Parmenides asked, "But is what we see the ultimate truth?"

This disagreement shows that philosophy is not only about finding answers. Sometimes, philosophy means examining the way we think and the methods we use to find the truth.

Zeno: The Philosopher Who Turned Movement into a Puzzle

Parmenides had a student named Zeno. To defend his teacher's ideas, Zeno created some strange puzzles about movement.

One of his most famous puzzles goes like this: Imagine that you want to walk from one place to another. First, you have to travel half the distance. But before you reach that point, you have to travel half of that half. And before that, there is another half. If a distance can always be divided into smaller and smaller parts, how can you ever reach your destination?

This puzzle sounds simple, but it challenged philosophers and mathematicians for centuries. Zeno was not saying that people literally cannot walk. He wanted to show that something that seems completely obvious in everyday life can become surprisingly difficult when we examine it through careful reasoning.

Here, philosophy becomes a mental puzzle. It encourages us to question things that seem obvious and to look carefully at the logic behind them.

Empedocles: Maybe the Universe Is Made of More Than One Substance

Empedocles knew about the questions asked by earlier philosophers. But instead of saying that everything was made from one basic substance, he suggested another possibility: "Maybe the universe is made from several basic substances."

He believed there were four fundamental elements: water, earth, air, and fire. But then came another question: "If these four elements exist, what makes them come together or move apart?"

Empedocles suggested two basic forces: Love, which brings things together, and Strife, which pulls them apart. He used these ideas to explain change in the universe. Different combinations of the elements could create different things. When the elements separated, things could change or disappear.

Today, we do not consider the theory of four elements scientifically correct. But Empedocles was trying something interesting. Instead of explaining everything with one substance, he tried to explain the universe through several elements and forces working together.

Anaxagoras: What Makes the Universe Move?

Anaxagoras had a new question: "If the universe is made from many different kinds of things, what makes them move and become organized?"

He imagined that the universe contained many different kinds of tiny parts. He believed that everything contained parts of many other things. But something was needed to bring order and movement to these parts.

Anaxagoras called this Nous, a Greek word that can be translated as “mind,” “intelligence,” or “organizing force.” He believed that Nous started movement and helped bring order to the universe.

Anaxagoras also had a bold idea about the Sun. Unlike many people of his time, he did not think of the Sun as a sacred being. Instead, he described it as a very hot, fiery mass.

This shows how Greek philosophers were beginning to ask natural and rational questions even about things that many people considered sacred or divine.

Leucippus and Democritus: If We Keep Dividing Things, Where Do We Stop?

Now we come to one of the most fascinating questions asked by these early philosophers.

Imagine a piece of rock. If you cut it in half, you still have rock. If you cut it again, you can divide it again. But can you keep dividing it forever?

Leucippus and his famous student or follower, Democritus, gave a different answer. They imagined that eventually we would reach extremely tiny particles that could no longer be divided. They called these particles atoms, from a Greek word meaning “indivisible.”

According to them, the universe was made of atoms and empty space. The atoms moved around, combined with one another, and created different forms of matter.

Of course, Democritus’s atoms were not the same as the atoms we know from modern science. These philosophers did not have microscopes, laboratories, or the scientific tools needed to test their ideas.

But think about this: more than 2,000 years ago, a philosopher was asking, without a microscope or laboratory, “What is matter made of at its deepest level?”

His answer was different from modern science, but the question itself was extraordinary. It is one of the most fascinating examples of the power of human imagination, curiosity, and reasoning in the ancient world.

The Sophists: Teachers of Speech and Questioning

After the Pre-Socratic philosophers had spent many years asking questions about nature and the structure of the universe, the attention of thinkers gradually moved toward a different subject: **human beings themselves**.

New questions began to appear: How do people think? How can we convince others? Should we believe everything we hear? Can we find different arguments for the same question?

In this intellectual environment, a group of teachers and thinkers appeared in the Greek cities. They were known as the **Sophists**.

The Sophists were less interested in explaining how the universe began and more interested in human beings, language, education, argument, and social life.

Teachers of Young People

At that time, if a young person wanted to become successful in the social and political life of Athens, they needed to know how to speak well, defend their opinions, and persuade others through arguments.

The Sophists taught young people these skills. They taught their students how to give speeches, how to build arguments, how to defend their opinions, and how to examine and criticize the arguments of others.

Because of this, many young people attended their classes.

However, the Sophists were not one completely united group, and they did not all believe the same things. Some of them were doubtful about whether human beings could truly know the truth, while others focused more strongly on the power of language and argument.

Protagoras: "Man Is the Measure of All Things"

One of the most famous Sophists was **Protagoras**. He was known for the famous statement:

"Man is the measure of all things."

This idea can be understood as saying that what people know and how they judge the world are connected to their own experiences and points of view.

For example, something may feel cold to one person but warm to another. So can we always make exactly the same judgment about everyone's experiences?

With questions like these, Protagoras encouraged people to think again about **knowledge, truth, and human perspective**.

His ideas raised an important question: If different people experience the world differently, how can we decide what is really true?

Gorgias: The Amazing Power of Words

Another famous Sophist, **Gorgias**, was especially interested in the power of language and speech.

He showed how words could influence people's thoughts and feelings. If someone knew how to speak skillfully, they might be able to persuade an audience—even before the audience had enough time to carefully examine every argument.

This leads to an important question:

Is speaking well the same as telling the truth?

Or could someone speak so skillfully that they convince us, even when what they are saying is not true?

This question later became an important subject in philosophy.

It is also a question that still matters today. We hear speeches, watch videos, read posts, and listen to people giving opinions every day. Sometimes, a person sounds very confident and convincing. But does sounding convincing mean that they are right?

Why Were the Sophists Important?

The Sophists helped move the attention of philosophy more strongly toward **human beings, language, knowledge, reasoning, and social life**.

They taught people not to accept every statement without examining it. They encouraged their students to give reasons for their opinions and to understand how arguments worked.

But an important disagreement appeared here:

Is the goal of thinking and speaking simply to convince other people?

Or should we have a greater goal:

To discover the truth?

This question changed the intellectual atmosphere of Athens and helped prepare the way for one of the most famous figures in the history of philosophy:

Socrates.

Three Great Philosophers: Socrates, Plato, and Aristotle

Socrates: The Man Who Taught People How to Think

Socrates was born in Athens around 470 BCE and died in 399 BCE. He became one of the most important philosophers in history, not because he left behind many answers, but because he taught people how to think. Socrates did not write any books, and he did not establish a formal school. Instead, he spent much of his time in the streets, marketplaces, and public places of Athens, talking with people. For him, philosophy was not something that belonged only in books. Philosophy was a way of living and thinking.

Socrates and His Focus on Human Beings

Socrates brought a major change to philosophy by turning its attention from nature toward human beings. One of his central questions was: **"Who am I?"** He believed that understanding the world was important, but understanding ourselves was even more important.

People should ask themselves questions such as: What is right and wrong? What is justice? What is courage? What makes someone a good person? What is happiness? And how should we live?

Because of this, Socrates can be seen as a turning point in the history of philosophy. Philosophy was no longer only about the universe and nature. Human beings, their choices, their moral lives, and the meaning of life also became central subjects of philosophical thought. This change made philosophy more connected to everyday human life.

Socrates and the Art of Thinking

Perhaps the most important thing Socrates did was to show people why **thinking for themselves** matters. He did not want people simply to repeat what they had heard from others. He wanted them to ask questions, look for reasons, examine ideas, and change their beliefs when they discovered that they might be wrong.

For Socrates, a thoughtful person was not someone who always had an answer to every question. A thoughtful person was someone who could ask questions, analyze ideas, and admit that they might not know everything.

One of Socrates' most important methods was to ask questions instead of giving ready-made answers. If someone said, "I know what justice is," Socrates might ask, "How do you know?" Then he would continue with more questions. A person might begin the conversation thinking that they understood justice perfectly, but later discover that their definition was incomplete or that some of their ideas contradicted each other.

Socrates was not simply trying to defeat people in an argument. His goal was to make them think for themselves. This approach later became known as the **Socratic Method**. In this method, questions are used as a way to reach deeper thinking. Instead of saying, "This is the correct answer," Socrates asked questions that encouraged people to examine their own ideas and beliefs.

That is why the Socratic Method is still important in education and discussion today. It encourages people not simply to memorize answers, but to think, question, analyze, and understand why they believe something.

The Unfinished Socratic Conversations: Thinking as a Process

Many of the conversations associated with Socrates do not end with a final and definite answer. They may begin with a question and end with even more questions.

For example, Socrates might ask, "What is justice?" Someone would give an answer, and Socrates would examine it through further questions. By the end, they might still not have a complete definition of justice.

This does not mean that philosophy had failed. In fact, it shows something very important about Socrates' approach. He was not looking for easy or ready-made answers. He believed that the process of thinking itself was valuable.

Socrates wanted to teach people **how to think, not what to think**. This is why many Socratic conversations seem unfinished. For Socrates, the journey of thinking was often more important than reaching a final destination.

Philosophy remains an open field of thought because it allows us to keep asking questions, examining ideas, and understanding them more deeply.

Intellectual Humility: Trusting the Human Ability to Think

Socrates had deep confidence in the human ability to use reason and search for truth. His famous statement, **"I know that I know nothing,"** points to the importance of recognizing the limits of our knowledge.

A person should understand that they may not know everything and should continue searching for truth with intellectual humility.

Someone who believes they already know everything has little reason to ask questions or learn. But someone who accepts that they might be wrong has an open mind and is ready to learn.

Thinking begins when we allow ourselves to consider the possibility that we may be mistaken. If we always assume that we are right, we stop asking questions. But if we ask, **"Could I be wrong?"**, we create space for discussion, investigation, and discovery.

This kind of intellectual humility is an important part of philosophical thinking.

"The Unexamined Life Is Not Worth Living"

For Socrates, philosophy was not simply an intellectual activity. Philosophy had to become part of a person's life. He believed that people should think carefully about the way they live. This idea is expressed in his famous statement:

"The unexamined life is not worth living."

Socrates did not mean that life itself has no value. He meant that people should not simply move through life without thinking about their choices.

A person should sometimes stop and ask: Why am I living this way? What is really important to me? Are my choices truly my own? Am I treating other people fairly? What kind of person do I want to become?

An unexamined life is a life lived without reflection—a life in which a person simply follows habits and beliefs without questioning them. According to Socrates, such a person may allow other people, traditions, or social pressure to make important decisions for them.

A good life, in his view, is a life connected with thought. We should not only make decisions; we should also think about the reasons behind them. We should not simply have opinions; we should be able to explain why we hold them.

Ethics, Virtue, and Not Being Afraid of Death

The goal of philosophy for Socrates was not simply to collect information. He wanted the human mind and character to grow. He believed that people should try to become better in both their thinking and their moral lives.

Philosophy should help a person become more aware, fair, courageous, and responsible. For Socrates, philosophy was therefore closely connected to **ethics**.

He believed that it did not matter how rich, famous, or powerful a person was. What mattered was what kind of person they had become. A person's real value was connected to their character and virtues.

Socrates believed that living a virtuous life was more important than avoiding every difficulty in life. What could truly harm a person was not simply poverty, failure, or even death, but becoming unjust or morally corrupt.

Because of this, Socrates believed that a person who lived according to virtue should not be controlled by fear of death. Death could end a person's life, but it could not take away their commitment to living justly and honestly.

This attitude made Socrates different from many people. He did not allow fear of death to make him abandon his principles. For him, living correctly was more important than simply living longer.

A person might lose money, experience failure, or face unfair treatment. But if they remained fair, courageous, and honest, they would still preserve what mattered most: their character.

Socrates: A Philosopher Who Lived According to His Ideas

Socrates tried to follow these principles in his own life. Eventually, he was put on trial in Athens and accused of corrupting the young and not properly respecting the city's gods. He was found guilty and sentenced to death.

His friends offered to help him escape from prison and save his life, but Socrates refused.

He could have escaped, but he believed that doing so would go against the principles he had discussed throughout his life. He respected the laws of Athens and believed that if people accepted the law only when it benefited them, society would lose its order and stability.

So even when his own life was at risk, Socrates refused to abandon his principles.

In 399 BCE, Socrates died after being forced to drink a poisonous substance called hemlock. But his death did not end his influence. His ideas were passed on through the writings of his students and followers, especially Plato, and they had an enormous influence on the history of philosophy.

The death of Socrates became one of the most important events in the history of philosophy because he did not simply talk about philosophy—he tried to live according to it. Even when faced with an extremely difficult choice, he remained committed to his principles.

Socrates showed that philosophy can be more than a collection of theories. It can be a **way of life**.

He was not simply a person who talked about ideas. He tried to build his life around them and remained faithful to them until the end. In this sense, Socrates became one of the most important figures in the history of philosophy and an example of someone who was willing to stand by truth, reason, and moral principles.

Plato: The Philosopher Who Searched for Truth Beyond the Material World

Plato was born in Athens around 427 BCE and died in 347 BCE. He was one of Socrates' most important students and continued his teacher's philosophical path after Socrates' death. Socrates mainly used conversation and questioning to encourage people to think and understand themselves. Plato continued this approach in his own philosophical writings, preserving many philosophical conversations in works that have remained important for centuries.

Later, Plato founded the famous **Academy** in Athens. It became one of the most important centers of learning in the ancient world. Aristotle, who would later become one of history's greatest philosophers, studied there with Plato for many years.

Plato's Metaphysical View of Reality

One of the most important features of Plato's philosophy is the way he explained reality. Plato believed that we cannot fully understand the world by looking only at the physical world that we can see and touch. We also need to consider a reality beyond the material world, which he called the **World of Forms** or the **World of Ideas**.

This view makes Plato's philosophy different from approaches that explain reality only through nature and physical matter. According to Plato, the deepest level of reality exists beyond the material world. The physical world we experience through our senses is an imperfect reflection of a higher and more permanent reality.

Plato's Fundamental Question

One of Plato's most important questions was:

“Is the material world we see around us the whole of reality?”

His answer was no.

Plato believed that the things we see around us are constantly changing and are never completely perfect or permanent. People grow old. Trees grow and eventually die. Buildings are constructed and later destroyed. Things that exist today may change or disappear tomorrow.

So Plato asked:

“If everything in the material world changes, how can we know what is truly real and permanent?”

This question led him to develop one of the most famous ideas in the history of philosophy.

The Theory of Forms

To answer this question, Plato developed his famous **Theory of Forms**, also known as the **Theory of Ideas**.

According to Plato, reality is not limited to the physical world. Beyond the material world is a higher, non-physical reality containing perfect and unchanging Forms.

The things we see in the physical world are not perfect. Instead, they are imperfect examples or reflections of these higher Forms. The World of Forms represents a deeper level of reality, while the physical world is only an incomplete reflection of it.

For example, we may meet many people whose actions seem fair. But none of these people represents perfect justice. Plato would say that **Justice itself**, in its perfect form, exists in the World of Forms. The things we call just in the physical world are just to the extent that they reflect or participate in this perfect Form of Justice.

The same idea can be applied to beauty, goodness, and other important concepts. We see many beautiful things, but Plato asks:

“What is perfect Beauty itself, and where does its true nature exist?”

In this way, Plato uses an explanation that goes beyond the physical world. In simple terms, he does not believe that we can fully understand reality just by looking at physical objects. We must also think about the higher and non-material truths that those objects imperfectly reflect.

The Allegory of the Cave: A Symbol of Appearance and Reality

Plato used his famous **Allegory of the Cave** to explain the difference between appearance and reality.

Imagine a group of people who have been prisoners inside a cave since childhood. They can see only shadows projected onto a wall in front of them. Because they have spent their entire lives seeing these shadows, they believe that the shadows are reality.

Now imagine that one of them is freed and leaves the cave. At first, the sunlight and the outside world are difficult and unfamiliar. But gradually, the person begins to understand that the things seen inside the cave were only shadows of a much greater reality.

The cave represents the human condition. People can become so accustomed to what they see through their senses that they assume those things are the whole truth.

For Plato, philosophy is like **leaving the cave**. It means moving beyond appearances, using reason, and searching for a deeper understanding of reality.

In this journey, reason is extremely important. Our senses show us the changing physical world, but reason can help guide us toward deeper and more lasting truths.

The Form of the Good and the Journey Toward Truth

One of the most important Forms in Plato's philosophy is the **Form of the Good**. Plato places the Good at the highest level and argues that a complete understanding of the world and a truly moral life require an understanding of what is good.

For Plato, philosophy was therefore not simply about collecting information about the universe. It was a kind of journey—a movement from appearance toward truth and from ignorance toward knowledge.

Plato also gave great importance to the **soul**. He did not see human beings as merely physical bodies. The soul had an important role in understanding truth.

Because of this, philosophy could be understood as a form of education and preparation of the soul. A person should gradually become less dependent on purely material concerns and use reason to move toward deeper truths.

Plato's Influence on Philosophy

Plato's ideas had an enormous influence on the history of philosophy. Centuries later, his philosophy influenced thinkers such as **Plotinus**, who lived in the third century CE. Plotinus developed many Platonic ideas into a philosophical system that became known as **Neoplatonism**.

In Neoplatonism, the material world was also understood as existing at a lower level than higher spiritual or non-material realities. Human beings were encouraged to move beyond the surface of the physical world in their search for truth.

Plato did not only write about the World of Forms and the soul. He also thought deeply about **justice, ethics, government, education, and human life**.

In his famous work *The Republic*, Plato asked questions such as:

“What is a just society?”

and

“Who should govern?”

He believed that ruling a society required knowledge and education. Someone who wanted to guide a society should understand truth and the Good.

Plato's philosophy therefore connected questions about reality with questions about how people should live and how societies should be organized. His central message was that we should not be satisfied with appearances alone. We should question what we see, use reason, search for deeper truth, and try to understand what is truly good and just.

Aristotle: The Philosopher Who Searched for the World Within the World

Aristotle was born in 384 BCE in the Greek city of Stagira. Around the age of seventeen, he went to Athens and spent many years studying and teaching at Plato's Academy. He became one of Plato's most important students, but over time he developed his own way of thinking. Eventually, he disagreed with his teacher on one of the most important questions in philosophy: **Where should we look for truth and reality?**

Aristotle's Natural and Scientific Approach

One of the most important features of Aristotle's philosophy was his way of explaining the world. Aristotle believed that natural events could be explained through nature itself. To understand the world, we do not need to depend on supernatural or otherworldly explanations. Instead, we should study nature, observe what happens, look for causes, and use reason to explain them.

Aristotle believed that we should not have to leave this world in order to explain it. We should search for the truth about a thing **within the thing itself and within nature**.

This approach made Aristotle's philosophy different from Plato's. Plato looked beyond the physical world and argued that higher, non-material Forms were necessary to understand reality. Aristotle, however, believed that we did not need to turn to a separate world to explain the world around us. We should look for truth in things themselves and in the nature of this world.

In this sense, Aristotle was a philosopher who focused on **this world and its natural processes**.

Matter and Form

According to Aristotle, **matter and form exist together within things themselves**. Matter is what something is made from, while form is what gives that thing its identity and particular characteristics.

This is where the difference between Aristotle and Plato becomes especially important.

Plato looked to a reality beyond the physical world and to separate Forms or Ideas in order to explain truth. Aristotle argued that we do not need to escape to another world to understand things. We should look for their nature and truth within the things themselves.

For example, when we look at a particular tree, Aristotle would not say that we need to look for a separate, perfect tree existing somewhere beyond the physical world. Instead, we should study the tree itself, including what it is made of, how it grows, and what makes it the kind of thing it is.

Potentiality and Actuality: Explaining Change from Within Nature

Aristotle also developed the concepts of **potentiality and actuality** to explain change and growth.

Potentiality means that something has the possibility of becoming something or developing a particular quality, but has not yet reached that stage. Actuality means that this possibility has been realized.

For example, a seed has the potential to become a tree. As the seed grows and eventually becomes a tree, that potential becomes actual.

In this way, Aristotle tried to explain change and growth from within nature itself rather than by appealing to a separate world or supernatural forces.

This approach reflects his natural way of thinking. He wanted to explain things by looking at their own characteristics and the processes that take place within nature.

Aristotle: A Naturalist and Observer

This approach can be seen throughout Aristotle's work. He enjoyed observing nature, studying living things, organizing them into groups, and using reason to explain what he observed.

For this reason, Aristotle is often described as a **naturalist and careful observer**.

He studied subjects such as logic, biology, physics, ethics, and politics. He tried to create organized and logical ways of understanding the world.

Aristotle's science was very different from modern science, and many of his scientific ideas were later shown to be incorrect. However, in his own time, his attempt to explain the natural world through observation, reasoning, and the study of causes was a major intellectual achievement.

He was trying to understand nature without relying mainly on myths or supernatural explanations.

Aristotle's Ethics: Happiness in This World

Aristotle also asked an important question about ethics:

“How should a human being live?”

His answer was that the goal of human life is **happiness**, or what he called *eudaimonia*.

But happiness, for Aristotle, did not simply mean feeling good, having money, or enjoying life. A person lives well when they develop their human abilities and become a good and capable person.

To achieve this, people need to develop **moral virtues** such as courage, justice, generosity, and self-control.

Aristotle believed that virtue develops through **practice and habit**. Just as the body becomes stronger through regular exercise, a person's character becomes stronger through repeatedly choosing and practicing good actions.

In other words, we do not become courageous simply by knowing what courage means. We become courageous by practicing courageous behavior. We do not become fair simply by reading about justice. We become fair by repeatedly acting justly.

For Aristotle, becoming a good person is something we build through our everyday choices and actions.

The Golden Mean

One of Aristotle's most famous ethical ideas is the **Golden Mean**.

He believed that virtue usually lies between two extremes: having too little of something and having too much of it.

For example, **courage** lies between cowardice and recklessness. A courageous person is not so afraid that they always run away from doing what is right. But they are also not so careless that they put themselves in danger without thinking.

Generosity is another example. It lies between being stingy and wasting money.

However, the Golden Mean is not a fixed number or exactly the same in every situation. It requires **reason and good judgment**. A person must think carefully about each situation and decide what kind of behavior is appropriate.

This is an important part of Aristotle's ethics: being a good person is not simply about following a list of rules. It also requires learning how to think, judge situations wisely, and choose the right action at the right time.

For Aristotle, a good life is therefore not something that happens by accident. It is something we gradually build through **reason, practice, good habits, and wise choices**.

Philosophical Schools After Aristotle: Philosophy as a Guide to Living

After Aristotle died in 322 BCE, the Greek world entered a new period. A few decades earlier, Alexander the Great had begun his major conquests, bringing large territories under his control. Greek language and culture also spread to many different regions along with these conquests.

The Greek world was no longer simply a collection of small city-states such as Athens. It had become larger, more diverse, and, at the same time, more uncertain. Life was changing too. The Greek city-states, which had once been at the center of political and social life, no longer had the same importance. People now faced new governments, cultures, and ways of life.

People no longer felt that their lives and futures depended only on the city where they lived. In this new world, an important question became:

“In a world that does not always go the way we want, how can we live a good and peaceful life?”

Because of this, philosophy after Aristotle became more closely connected to everyday life. Philosophers were still interested in questions about reality and truth, but they also asked practical questions: How should we deal with fear, death, suffering, wealth, poverty, failure, success, and the opinions of other people?

Philosophy gradually became a kind of **guide to living**.

During this period, three important philosophical movements—**Cynicism, Epicureanism, and Stoicism**—gave different answers to the question:

“How should we live?”

The Cynics: Freedom Through Simple Living

Cynicism was one of the important philosophical movements of this period. Its roots can be traced back to **Antisthenes**, one of Socrates' followers. The most famous Cynic philosopher was **Diogenes**.

The Cynics believed that people did not need wealth, fame, social status, or luxury in order to be happy. In fact, they believed that the more dependent a person becomes on these things, the less free they become.

Diogenes took this idea to an extreme in his own life. He lived very simply and showed little interest in things that most people considered important, such as wealth, comfort, and social status.

A famous story about a meeting between Diogenes and Alexander the Great illustrates this attitude. According to the story, Alexander asked Diogenes what he could do for him. Diogenes replied:

“Move a little. You are blocking the sunlight.”

Whether this story happened exactly this way or was later told as a philosophical anecdote, it captures something important about Diogenes. Even the enormous power of Alexander did not seem valuable enough for Diogenes to give up his independence.

The Cynics emphasized **simple living, independence, courage, and freedom from the desire for wealth and fame**. They sometimes behaved in unusual ways and spoke very directly in order to make people question the values they had simply accepted.

Their main message was:

To be free, we must free ourselves from unnecessary desires and dependencies.

The Epicureans: Peace and Happiness, Not Excessive Pleasure

Alongside the Cynics, another important philosophical school developed. Its founder was **Epicurus**, who was born in 341 BCE. In Athens, he founded a school called **the Garden**.

The Garden was not just an ordinary school. Epicurus' students and friends lived there, talked with one another, and studied philosophy together.

The Garden was a place of peace, friendship, and simple living rather than a place for difficult and stressful arguments. Men and women, free people and enslaved people, were welcomed there. They shared a simple way of life and tried to understand what it meant to live a good and happy life.

They ate simple but sufficient food and spent much of their time talking, thinking, and enjoying friendship.

Today, when we hear the word **"Epicurean,"** we sometimes imagine someone who loves expensive food, money, and lots of pleasure. But this is not an accurate picture of Epicurus' philosophy.

In fact, Epicurus recommended a **simple life**. He believed that people did not need great wealth or endless pleasures to be happy.

Epicurus also tried to live according to his philosophy. Even while suffering from kidney stones and the pain caused by his illness, he tried to remain calm and focused on living peacefully. His life became an example of his belief that happiness depends less on external circumstances and more on our attitude toward life.

Peace, Happiness, and Freedom from Unnecessary Desires

The main goal of Epicurus was to achieve **peace of mind** and freedom from unnecessary suffering and anxiety.

He believed that many human problems come from fears and unnecessary desires. If we are always looking for more wealth, fame, and pleasure, we may never feel satisfied or peaceful.

In the Garden, Epicurus and his followers focused on the basic needs of life: simple food to satisfy hunger, clothing for protection, a place to live and rest, and friends to share life with.

Their happiness came more from **being together and enjoying friendship** than from owning more things.

Epicurus believed that pleasure was valuable, but he mainly meant simple and lasting pleasures, such as friendship, peace of mind, a simple life, and freedom from fear.

He did not encourage people to chase intense and temporary pleasures. Such pleasures can sometimes lead to pain, disappointment, or regret.

That is why **friendship** was extremely important in Epicurus' philosophy. He believed that a simple life with good friends could be much more valuable than a life filled with wealth and luxury.

Epicurus and the Fear of Death

One of Epicurus' most important concerns was the human fear of death.

He tried to show that constantly worrying about death can prevent us from enjoying life. His argument can be explained simply:

As long as we exist, death has not arrived. When death arrives, we no longer exist to experience it.

Therefore, Epicurus believed that we should not spend our entire lives being afraid of death.

He viewed death as the absence of experience. Since there is no experience after death, there is no reason to spend our lives constantly worrying about it.

Epicurus also believed that many human desires are unnecessary. Basic needs can be satisfied, but if we are always looking for more and more, we can lose our peace of mind.

For this reason, Epicurean philosophy can be understood as an attempt to create a **simple, peaceful, and friendly life**, free from unnecessary fears and endless desires.

Most importantly, Epicurus did not simply talk about this way of living. **He tried to live according to his own philosophy** and show through his life that happiness and peace can be found in simplicity, friendship, and freedom from unnecessary fears.

The Stoics: Philosophy, Calm, Reason, and Self-Control

Alongside the Cynics and Epicureans, another important philosophical school developed: Stoicism. The founder of this school was Zeno of Citium, who taught in Athens in the early third century BCE. He taught in a place called the Painted Porch, or Stoa Poikile, and the name “Stoicism” comes from this place.

The Stoics believed that a person can live a good life by building it around reason, virtue, and self-control. They argued that many things people care about, such as wealth, fame, social position, and even the opinions of others, are not always under our control. Therefore, we should not make our happiness completely dependent on them.

One of the most important Stoic teachings was to distinguish between things that are within our control and things that are not. Our choices, decisions, efforts, and behavior are largely under our control. However, other people's actions, the past, many natural events, illness, death, and the final results of some of our efforts are not completely under our control.

The Stoics believed that instead of using all our energy trying to change things we cannot control, we should focus on what we can actually do. This does not mean giving up when we face difficulties. It means accepting reality and then choosing the best response possible.

For the Stoics, the most important thing in life was virtue, meaning qualities such as wisdom, justice, courage, and self-control. A person may lose wealth, status, or fame, but if they keep their character and virtue, they have protected the most important part of themselves.

Seneca: A Philosopher Who Taught the Art of Living

Seneca was a Roman philosopher, writer, and politician who lived in the first century CE. He was one of the most important thinkers of Stoicism. During the later years of his life, he wrote a collection of works known as the "Letters to Lucilius," which became an important source for understanding his ideas.

Seneca was not interested only in abstract philosophical questions. His main concern was how a person should actually live. He wrote about time, death, fear, pain, wealth, fame, pleasure, friendship, and human attachment. He encouraged people to ask themselves whether they were truly living their own lives or whether they had become controlled by things outside their control.

Seneca and the Value of Time

One of Seneca's most important ideas was about time. He believed that people often think their main problem is that they do not have enough time, when the real problem is that they waste the time they already have.

If we lose money or possessions, we may be able to get them back. But once time has passed, it never returns.

For this reason, Seneca criticized a way of living in which people constantly postpone their lives. They might say, "I will live later. I will live when I succeed, when I have enough money, when I finish school, or when my problems are over." But that moment may never come.

To live consciously means understanding that life is the limited amount of time we have right now. We should not spend all of our present waiting for some perfect future.

Seneca and Death

Seneca also thought deeply about death. He believed that awareness of death should not make us run away from life. Instead, it should help us understand the value of the present moment.

People are often afraid of death because they know that they may lose things they love: their health, youth, friends, possessions, position, and eventually life itself. Seneca tried to teach people to accept that none of these things is permanently under our control.

Death should not make us ignore life. On the contrary, knowing that life is limited should encourage us to take life more seriously and appreciate the time we have.

Fear: Something the Mind Sometimes Creates

This leads to another important subject: fear. Seneca believed that people sometimes suffer more from their thoughts about an event than from the event itself.

Something may not have happened yet, but we may imagine it again and again in our minds. Fear of illness, failure, poverty, losing someone we love, or death can affect our lives long before any of these things actually happen.

Therefore, one of the important exercises of philosophy for Seneca was learning to distinguish between what has really happened and what our minds are imagining about the future.

This does not mean that we should ignore real dangers. It means that we should not allow imagined problems to control our lives before they even happen.

Pain and Keeping Calm

Seneca was realistic about pain. He did not say that pain does not exist or that physical suffering is unimportant. Pain is real. However, he believed that fear and negative thoughts about pain can sometimes make it seem even greater.

He encouraged people to learn how to maintain their independence and peace of mind, as much as possible, even during difficult situations.

Interestingly, Seneca was willing to learn from philosophers with whom he disagreed. Although he was a Stoic, he sometimes used ideas from Epicurus because he believed that we can learn something valuable even from a thinker who belongs to another philosophical tradition.

Pleasure, Wealth, and Attachment

Seneca was not against pleasure. He did not reject food, friendship, beauty, or other enjoyable parts of life. The problem begins when pleasure becomes a condition for happiness.

If someone says, "I can only be happy if I have this," they have made their happiness dependent on something outside themselves.

Pleasure comes and goes. We can enjoy it, but we should not make our peace of mind completely dependent on having it all the time.

The same idea applies to wealth. Seneca himself was wealthy, which makes his view especially interesting. He did not believe that wealth was automatically bad. Wealth can provide comfort and can also be used to help others.

But if a person believes that their value depends on how much money they have, they have become dependent on wealth. Instead of being the owner of their wealth, they have allowed wealth to control them.

The same thing can happen with fame, power, and the approval of other people. If our happiness completely depends on other people praising us, we have given them control over our peace of mind.

Where Do Our Desires Really Come From?

Seneca did not say that we should stop wanting things. It is natural for people to want love, friendship, success, security, and pleasure.

The important thing is to understand which things are within our control and which are not.

We may work hard to achieve a goal, but many external circumstances are also necessary for success. Even our desires can be influenced by our family, culture, friends, and the society in which we grow up.

A wise person therefore learns to understand their own desires. They do not allow their entire life to depend on an outcome that may never happen.

This raises an important question for all of us: "Do I really want this, or have I learned to want it because other people told me that it is important?"

Seneca: Living Among Power and Wealth

Ultimately, Seneca wanted people to be free. But freedom, for him, was not only political or social freedom. A person may appear free on the outside while being controlled from within by fear, money, fame, pleasure, or the opinions of others.

True freedom means being able to enjoy external things without making our entire peace of mind and sense of self depend on them.

Seneca's own life makes this idea especially interesting. He was a politician, a wealthy man, and a person who lived close to political power. At the same time, he wrote about the dangers of becoming dependent on wealth, power, and fame.

Eventually, during political conflicts in the Roman Empire, Seneca was ordered by Emperor Nero to die. His own life therefore leaves us with an important question: Can a person live among wealth and power while still remaining free from them?

Stoicism and Life Today

Perhaps one of Seneca's most useful messages for a teenager is this: **Do not postpone your life until the future, but do not give up your freedom for every pleasure either.**

Success is good, but your value is not determined only by your success. Wealth can be useful, but try to be the owner of your possessions rather than becoming controlled by them. Friendship and love are valuable, but remember that no person and no external thing can be completely under your control forever.

And most importantly, ask yourself: **"Are the things I want really my own desires, or are some of them desires that my family, friends, or society have taught me to have?"**

For Seneca, philosophy was ultimately not about memorizing theories. Philosophy was the practice of learning how to live.

A wise person is not someone who never experiences fear, pain, failure, or loss. A wise person is someone who can face these difficulties without losing themselves and who learns to use their limited time consciously.

For the Stoics, the goal was not to create a life without problems. It was to become the kind of person who could face life's problems with reason, courage, self-control, and inner freedom.

Epictetus: Freedom Begins Within

Epictetus was one of the most important Stoic philosophers. His life was closely connected to the philosophy he taught. He was born around the first century CE and spent part of his early life as an enslaved person in Rome. Later, he became free and devoted himself to philosophy, eventually becoming one of the most famous Stoic teachers.

His life gave special meaning to his ideas. Epictetus did not speak about freedom from the comfort of an easy and completely independent life. Instead, he wanted to show that even someone with very little freedom in the outside world could still have freedom within.

The most important idea in Epictetus's philosophy can be summarized in one simple sentence: **Some things are within our control, and some things are not.**

Our choices, decisions, desires, judgments, and responses are largely within our control. But our body, wealth, reputation, other people's opinions, the past, illness, death, and many events in the world are not completely under our control.

Imagine, for example, that you are preparing for an important exam. You can study, practice, concentrate, and do your best. But you cannot completely control the questions that will appear, the performance of other students, or everything that happens on the day of the exam.

Therefore, Epictetus tells us to focus our energy on what is actually within our control. For him, this idea is not simply a way to become calmer. It is also a path to **freedom**.

If our happiness depends on something we cannot control, we will always be vulnerable. If we say, "I can only be happy if everyone likes me," then one person's rejection can disturb our peace. If we say, "I can only be happy if I become rich," we may spend our lives worrying about losing money.

Epictetus therefore encourages us to move the center of our lives from the outside world to the inside.

An Event and Our Judgment About It

Epictetus does not mean that the outside world is unimportant. He does not say that poverty, illness, death, or failure are unreal. These things are real, and some of them can be painful.

His point is that we should distinguish between **what happens and the judgment we make about what happens**.

For example, someone may insult you. The insult is an event outside you. But if you immediately think, "I am worthless," "Everyone hates me," or "I cannot handle this," your mind has added an interpretation to the event.

Epictetus believed that people sometimes suffer more from their thoughts about an event than from the event itself.

This is one of his most useful lessons for young people: **Not every thought that appears in your mind is necessarily true.**

You might fail at something and immediately think, "I am a failure." But failure is an event; turning that event into a complete definition of yourself is an interpretation.

Someone might reject you. But "That person did not accept me" is not the same as "I am not worthy of being liked."

The Role of Reason and Mental Practice

This is where reason becomes important in Epictetus's philosophy. He did not consider human emotions to be enemies. However, he believed that our emotions are often influenced by our beliefs and judgments.

If we believe that one failure means the end of everything, we may become extremely afraid or discouraged. But if we see it as one difficult experience and an opportunity to learn, our response can be very different.

For this reason, Epictetus believed that people should work on their inner lives. Just as we can strengthen our bodies through practice, we can train our minds and improve the way we judge situations.

Before reacting, we can learn to ask ourselves:

"What has actually happened? And what have I added to the situation through my own interpretation?"

This does not mean that we should suppress our feelings. We cannot simply order ourselves, "Do not be afraid," or "Do not be sad." Feelings may appear naturally. But Epictetus wants us to examine what happens next.

Is this fear based on reality, or on a picture that my mind has created? Is the thing I am afraid of within my control? If it is not, can I stop fighting something I cannot control and instead focus on how I choose to respond?

Accepting Reality

This is why acceptance is so important in Epictetus's philosophy. Acceptance means recognizing that the world will not always go the way we want.

We may care deeply about someone and still lose that relationship. We may work hard for something and fail. We may become ill, grow older, or lose someone we love.

Accepting these realities does not mean that we like them or that we do not care. It means seeing reality as it is and not wasting all our energy fighting something that we can no longer change.

Epictetus is trying to protect us from a major mistake: **depending on our control of the outside world for our inner peace.**

The world cannot always be controlled. But our judgments, choices, and responses are areas where we can continue to grow.

Epictetus: A Philosopher Who Lived His Philosophy

The life of Epictetus makes his ideas even more powerful. He had been enslaved, and many of the things that people normally think of as signs of freedom were not under his control.

Yet he built his philosophy around the idea that true freedom is not something that governments or other people simply give us.

A person's body may have limitations, but the mind can still choose how to understand the world and how to respond to life.

Of course, Epictetus was not saying that we should simply accept everything and never try to change the world. If something can be changed, we should work to change it. The important point is to understand the difference between **trying to change the world** and **making our happiness completely dependent on the result**.

We can work hard for success, stand up for what is right, study, exercise, and make plans for the future. But we should also understand that the final result is not always completely in our hands.

Freedom Begins Within

Perhaps Epictetus's philosophy can be summarized for a young person in one sentence:

You cannot always control the world, but you can work on your mind.

The more we learn to distinguish between reality and our interpretation of reality, the more freedom we can have.

For Epictetus, a free person is not someone who has everything they want. A free person is someone who has **not become a slave to things that are outside their control.**

Freedom does not begin outside us. It begins when we learn **how to think, what to believe, and how to respond to what happens in our lives.**

Marcus Aurelius: How to Live Well in an Unstable World

Marcus Aurelius was one of the most important Stoic philosophers and, at the same time, the emperor of Rome. He lived in the second century CE and ruled as emperor from 161 to 180 CE.

His life was very different from that of Epictetus. Epictetus had once been enslaved, while Marcus was one of the most powerful people in the world. Yet they reached an important conclusion: **power, wealth, and status alone cannot make a person happy.**

Marcus Aurelius's famous book, *Meditations*, was originally a collection of personal notes that he never intended to publish. In these writings, he repeatedly reminded himself how he should live. It is almost as if the emperor, known throughout the empire, had to remind himself every day that in the face of death, time, anger, fame, and the difficulties of life, he was still a human being with a limited life.

Living in a World That Does Not Always Go Our Way

One of Marcus's most important ideas is that the world will not always go the way we want. Illness, death, failure, the behavior of other people, changing circumstances, and many other events are outside our control.

Therefore, we should not make our peace of mind completely dependent on the world behaving exactly as we wish. Instead, we should learn how to keep our minds calm and organized in an unstable world.

Marcus repeatedly reminded himself to distinguish between **what happens and the judgment we make about what happens**. For example, if someone insults us, the insult itself is an event. But deciding that the insult means we have lost our worth or dignity is a judgment created by our mind.

So, before becoming angry, we can ask ourselves:

"Is this event really as important as I am making it seem?"

This way of thinking can help us avoid becoming controlled by anger and immediate reactions.

Human Beings Are Social

Marcus's Stoicism does not mean that we should avoid other people and think only about ourselves. Quite the opposite. He believed that human beings are social by nature. We are meant to live with others, and we have a responsibility to treat them with fairness, kindness, and reason.

If someone treats us badly, we do not necessarily have to respond in the same way. Marcus believed that people sometimes behave badly because they are mistaken, confused, or unaware of the consequences of their actions. Therefore, whenever possible, we should try to understand them while still doing our own duty correctly.

Being a good person does not depend on how others behave toward us. It depends on how we choose to behave.

The Shortness of Life and the Limits of Fame

One of Marcus's most powerful ideas is his awareness of how short life is. He repeatedly reminded himself that human beings pass away quickly, while generations come and go.

An empire, fame, and even the memory of a person can seem enormous during one lifetime, yet they are very small when compared with the passage of time. Someone who is famous today may be completely forgotten a few generations from now.

For this reason, we should not spend our entire lives seeking fame or the approval of other people.

This idea can also be important for teenagers. We may spend a great deal of time wondering what other people think about us, how many people admire us, or how much attention we receive. Marcus reminds us that other people's opinions should not become the center of our lives.

Death and Accepting Change

Marcus also thought deeply about death, but his purpose was not to frighten people. He wanted us to see death as a natural part of life.

A person is born, grows, becomes older, and eventually dies, just as seasons change and generations replace one another.

For Marcus, understanding this reality should help us stop fighting against the fact that everything changes. Instead, we should accept the temporary nature of life and make good use of the time we have.

Acceptance does not mean giving up. It means understanding reality clearly and then choosing the best way to live within it.

The Present: The Only Time We Truly Have

This brings us to the important idea of **the present moment**. Marcus encouraged people not to spend too much of their lives trapped in the past or worried about the future. The past is no longer under our control, and the future has not yet arrived. What we truly have is the present moment.

So, if you are studying, really study. If you are talking with a friend, really listen and be present with that person. If you are looking at nature, actually take the time to see it.

Life is made from these small moments.

Marcus was not saying that we should simply chase pleasure. For him, a good life was much more than temporary happiness. A person should live well by being **fair, courageous, self-controlled, and guided by reason.**

If something is right, we should do it even when it brings us no fame or reward.

Marcus: An Emperor Trying to Live According to His Philosophy

This idea becomes especially interesting when we look at Marcus's own life. He was an emperor, but his reign was filled with wars, illness, political difficulties, and enormous responsibilities. Yet in *Meditations*, he repeatedly reminds himself not to become trapped by power or fame.

It is almost as if he is telling himself:

"You are an emperor, but in the end, you are still a mortal human being. Do not become proud. Do your duty."

This shows that philosophy was not simply a collection of theories for Marcus. He tried to practice his ideas in his own life.

Marcus also believed that human beings should understand their place in nature. We are part of the world, not separate from it. Growing older, becoming ill, changing, and eventually dying are all parts of being human.

Instead of constantly complaining that these things happen, we should learn how to live with the natural changes that come with being human.

Marcus Aurelius and Life Today

If we wanted to summarize Marcus Aurelius's philosophy for a teenager, we could say:

You cannot control everything, but you can choose how you respond to what happens.

People will not always approve of you, so do not build your entire sense of worth on their opinions. Success and power can be useful, but they are temporary. The past is gone and the future has not arrived, so take the present moment seriously.

And because life is short, instead of spending all your energy on fame, wealth, or comparing yourself with others, try to become a person who is **fair, courageous, wise, and kind**.

If Epictetus taught us **"what is within your control,"** and Seneca asked **"what will you do with your limited time?"**, Marcus Aurelius teaches us something slightly different:

"In a world where you cannot control everything, how can you continue to be a good human being?"

Plotinus; The Philosopher Who Took Philosophy Toward Mysticism

Plotinus was born around 204 CE in Egypt and died in 270 CE. He was one of the most important philosophers of late antiquity and one of the greatest continuers of Plato's philosophy. For this reason, his thought is known as **Neoplatonism**, meaning a new interpretation of Plato's philosophy that later had a major influence on religious and mystical thought.

Plotinus was deeply influenced by Plato and, like him, believed that the material world is not the whole of reality. Behind this changing and material world, he believed, there is a higher and more perfect reality. But Plotinus took Plato's ideas one step further. To explain the ultimate source of everything that exists, he introduced the idea of **the One**.

The One; The Source of All Existence

For Plotinus, the highest level of reality is **the One**. The One is the source of everything, but it is not itself an ordinary thing or being in the world. We cannot see the One like an object or completely describe it using ordinary concepts.

The One is beyond everything and is the source of all existence. Because of this, Plotinus often used what is called **negative language** to speak about it. Instead of trying to say exactly what the One is, he often explained what it is not. He believed that a reality so far beyond ordinary experience cannot be fully captured by human words and concepts.

After the One comes **Intellect**, or *Nous*. Intellect is the realm of truth and perfect forms. Here Plotinus was strongly influenced by Plato's theory of Forms.

After Intellect comes **Soul**. Soul connects the spiritual and material levels of reality and gives order and life to the material world.

The Human Soul and the Journey Toward Truth

According to this view, human beings also have both a body and a soul. The body belongs to the material world, but the soul has the ability to move toward higher truth.

Therefore, human life is not simply about living in the material world and following physical desires. A person can turn inward, free the soul from confusion and distractions, and move toward the source of existence.

This is where Plotinus's philosophy begins to move from Plato toward a form of **mysticism and spiritual practice**.

Plato also spoke about the soul's movement toward truth, but in Plotinus this movement becomes more inward and mystical. A person should distance themselves from excessive attachment to material things, live an ethical life, look inward, and prepare the soul through reflection and concentration to approach the truth.

Plotinus believed that the human soul could return toward the One and come closer to it. In his writings, he even describes experiences in which he felt that he had come close to this ultimate reality and experienced a kind of unity or spiritual vision.

He understood such an experience as something beyond ordinary knowledge. In other words, a person does not simply read about the One or reason about it; at the highest level, the person may be able to experience it through a kind of **inner vision** or contemplation.

From Plato's Philosophy to Plotinus's Mysticism

Here we can see an interesting difference between Plato and Plotinus. In Plato's philosophy, reason and philosophical thinking play a central role in the human journey toward truth. In Plotinus, however, the journey eventually reaches a point where reasoning alone is not enough, and the idea of an inner spiritual experience becomes important.

In this sense, Plotinus continued the path that Plato had begun and carried it toward mysticism and inner experience.

Of course, Plotinus should not be considered a religious philosopher in the modern sense. He remained a Greek philosopher and a follower of the Platonic tradition. However, his ideas provided an important intellectual foundation for several later mystical traditions.

His philosophy later influenced some Christian thinkers and played a role in the development of Christian mystical traditions. Neoplatonic ideas also entered the Islamic world through translation and interpretation and influenced some Muslim philosophers and mystics.

For this reason, Plotinus can be seen as an important **link between ancient Greek philosophy and some of the mystical traditions that developed later**.

Philosophy as a Journey of the Soul

Plotinus moved philosophy beyond questions about the material world and toward questions about the soul, higher reality, and humanity's return to the source of existence.

We can describe this journey very simply:

Socrates encouraged human beings to question and think deeply about themselves.

Plato used reason and philosophy to lead the human mind toward the Forms and a higher level of truth.

Plotinus, continuing Plato's path, took this journey inward, toward spiritual vision and a deeper experience of the soul.

Therefore, Plotinus's philosophy is not simply a theory about how the universe is structured. **It is also a way of living.** A person should free themselves from confusion and excessive attachment to material things, live ethically, pay attention to their inner life, and prepare the soul to move closer to truth.

In the end, philosophy for Plotinus becomes a kind of **journey of the soul**—a journey from the material world and inner distraction toward unity and the ultimate source of existence.

Chapter Two: Philosophy in the Middle Ages

The Rise of Christianity and the Transformation of Philosophy in the Western World

From Greek Philosophy to Christian Faith

Before Christianity entered history, Greek philosophy had already passed through several different stages. Greek philosophy reached one of its greatest heights with Socrates, Plato, and Aristotle. But after Aristotle, the Greek world underwent major changes. Alexander the Great's conquests spread Greek language and culture across vast territories, and the Greek world was no longer limited to cities such as Athens.

During this period, philosophy gradually moved away from questions about nature and the structure of reality and became increasingly concerned with ethics and the question of how to live a good life. The Cynics, Epicureans, and Stoics each asked, in their own way, how human beings could find peace and happiness in a world full of uncertainty and change. Philosophy became more closely connected with everyday life and with the training of human character.

Greek Philosophy; The Independence of Human Reason

Ancient Greek philosophy was, above all, an attempt to use reason to understand the world. Greek philosophers relied on thought and argument to investigate nature, discover its principles, and answer fundamental questions about existence, humanity, and truth.

According to this approach, human beings could use their own rational abilities to search for truth. They did not necessarily need to appeal to a source outside philosophical reason in order to understand the world.

Socrates encouraged people to know themselves and to question their beliefs. Plato used reason to search for a reality beyond the changing world of the senses. Aristotle examined nature through observation and reasoning.

Although these philosophers disagreed about many important questions, they shared an important feature: **human reason was a central tool in the search for truth, and human beings were responsible for using their own intellectual abilities to understand the world.**

The Arrival of an Abrahamic Religion; Truth Through Revelation

In this intellectual world, another religious tradition from the Middle East gradually entered the Greek and later the Roman world. Judaism had developed among the Jewish people before Christianity and placed great importance on the relationship between God and His people, as well as on prophecy and revelation.

According to this tradition, God communicated with human beings through prophets and gave them guidance for how they should live.

The major difference between this approach and Greek philosophy was that fundamental truth was not something human beings had to discover entirely through their own reasoning. Some truths were believed to be **given to humanity by God through revelation**.

Human beings therefore had both their own rational abilities and a revealed truth whose ultimate source was believed to be God.

Jesus; The Expansion of a Religious Message

Jesus, who was raised within the Jewish tradition, presented a religious message that gradually reached beyond the Jewish community. His message was directed toward all human beings, and Christianity eventually developed from a religious movement within Judaism into a global religion.

As Christianity spread throughout the Roman world, it encountered the intellectual heritage of Greek philosophy. This encounter created one of the most important questions in the history of Western thought:

What should the relationship between reason and faith be?

Truth from a Perfect Mind; A Change in the Role of Reason

Unlike the Greek philosophical tradition, Christianity did not regard fundamental truth simply as something that human beings had to discover through their own reasoning. According to Christian belief, ultimate truth comes from God, a perfect being who is beyond humanity.

If God is the source of truth and possesses perfect and unlimited knowledge, then truth revealed by God can be regarded as certain and trustworthy. Human beings are not expected to discover every truth entirely by themselves through their limited reasoning. Instead, some truths have been **revealed** to them, and they are expected to accept them through faith.

This creates an important difference from the idea of independent human reason found in Greek philosophy. In philosophy, a person can question a claim, ask for reasons, examine the evidence, and reject the claim if it appears to be false. But if a truth has come from a perfect and absolute mind, human reason, being limited, cannot necessarily place itself above that truth as the final judge.

In this way, **faith becomes directed toward a truth whose source is believed to be beyond human reason.** Reason does not disappear, but its role changes. It can be used to understand, interpret, and defend a truth that has been received through revelation.

This became one of the major turning points in Western philosophy:

In Greek philosophy, human reason searches for truth; in religious thought, some truth is already given to humanity through revelation before philosophical investigation begins.

The Middle Ages; The Dominance of Religious Explanation

As we have seen, human beings have used different ways of explaining the world, including mythological, philosophical, religious, and scientific explanations. During the Middle Ages, religious explanation became the main framework for understanding the world in Christian Europe.

Philosophy did not disappear during this period. However, it no longer operated in the same independent way that it had in ancient Greece. Many philosophical questions were discussed within a religious framework, and philosophers had to consider the relationship between reason and faith.

As a result, philosophy often moved away from an entirely independent search for truth and, in many cases, became a tool for explaining and defending religious teachings.

Philosophy in the Service of Faith; Christian Theology

During the Middle Ages, Christian thinkers attempted to use philosophy and logic to understand and defend religious beliefs. They wanted to show that Christian faith could also be explained through rational argument.

The relationship between **reason and faith** therefore became one of the central questions of medieval thought.

Reason continued to be important, but its position was no longer exactly the same as it had been in the independent philosophical tradition of ancient Greece. Fundamental truth was understood as coming from revelation, while reason was often expected to help explain, interpret, and defend that truth.

For this reason, we can say that in a large part of medieval thought, **reason was placed in the service of faith rather than being treated as the final and independent authority on truth.**

Happiness in the Afterlife; Not Only in This World

Another important difference between Christianity and many schools of ancient Greek philosophy concerned the meaning of happiness.

In Greek philosophy, happiness was generally connected with how a person lived in this world. For Aristotle, happiness was connected with living a virtuous life guided by reason. For the Stoics, it was connected with inner peace, self-control, and living according to reason and nature.

Christianity, however, connected ultimate happiness with life after death and with being in the presence of God. Earthly life was viewed as temporary and limited compared with eternal life.

As a result, human attention increasingly moved beyond the concerns of everyday life toward the destiny of the soul and the possibility of life after death.

The Closing of the Academy and the End of the Ancient Philosophical Tradition

In 529 CE, the Byzantine emperor Justinian ordered the closure of the philosophical school in Athens. This event is often regarded as one of the symbols of the end of the ancient Greek philosophical tradition.

The Church gradually became one of the most important cultural and educational institutions in Europe. Philosophy and learning increasingly developed within a Christian intellectual framework.

Many medieval thinkers focused on questions such as the relationship between faith and reason, the existence of God, the creation of the universe, and the relationship between human beings and God.

The Middle Ages lasted for roughly a thousand years. Toward the end of this period, tensions between new ideas and certain established religious authorities became increasingly strong.

Giordano Bruno, an Italian philosopher, was executed in Rome in 1600 after being tried by the Roman Inquisition. His condemnation was not based simply on his ideas about the universe and stars; a broader collection of philosophical and theological views also played a role in his trial and condemnation.

The important point is that the tension between independent philosophical inquiry and religious authority became part of the larger intellectual transformation that eventually led toward the modern period.

The Question That Led Toward Modern Philosophy

At the heart of this long historical development was a question that had emerged from the encounter between Greek philosophy and religious thought:

Can human reason reach truth independently of revelation, or is there a truth that, because it comes from a perfect and divine mind, must be accepted through faith before human reason can fully judge it?

This question became one of the foundations of the transformation of Western philosophy in the modern era.

The ancient Greeks had placed great confidence in the power of human reason. Christianity introduced a different source of truth: **revelation from God**. Medieval thinkers spent centuries trying to understand how these two sources—reason and faith—could relate to one another.

The struggle between these approaches did not simply end philosophy. Instead, it created a new philosophical problem, one that would become central to the thinkers of the modern age:

What can human beings know by reason alone, and where does the authority of faith begin?

Two Great Medieval Philosophers; Augustine and Aquinas

Among the thinkers of the Middle Ages, two figures hold a particularly important place: **Saint Augustine** and **Thomas Aquinas**. Both thought deeply about human beings, morality, happiness, and truth, but their central concern was the explanation and defense of the Christian faith. Their most important difference was that Augustine was strongly influenced by Plato, while Aquinas later drew heavily on Aristotle in building a systematic Christian philosophy.

Saint Augustine (354–430 CE)

Augustine lived an adventurous life in his youth. For a time, he pursued worldly pleasures and desires. Gradually, however, he came to believe that pleasure, wealth, and worldly success could not provide the deep peace and lasting happiness that human beings seek. Eventually, he

converted to Christianity and devoted much of his life to thinking about God, humanity, morality, sin, and the meaning of life.

Augustine's central concern was the explanation and defense of Christian faith. He wanted to explain how humanity had become separated from God because of original sin and how human beings could return to God through divine grace and faith in Christ.

Augustine believed that human beings are always searching for happiness, but lasting happiness cannot be found in wealth, pleasure, or worldly success. True happiness, in his view, comes from turning toward God and living a moral life. Human beings cannot reach ultimate happiness through their own abilities alone. They need **divine grace**, which draws them toward God.

Augustine did not consider reason to be an enemy of faith, but he gave reason a different position from the one it had held in ancient Greek philosophy. Human beings can use reason to think about their beliefs and understand them more deeply, but reason alone cannot reach ultimate truth. **Faith comes before reason, and reason must work within the framework of faith.**

This approach can be summarized by the idea: **"Believe in order to understand."** In other words, genuine understanding begins with faith.

Two of Augustine's most famous works are **Confessions** and **The City of God**. *Confessions* tells the story of his life, his mistakes, his inner search, and his intellectual transformation. It describes a human being gradually turning away from worldly attachments and moving toward God.

In **The City of God**, Augustine presents two different ways of living. The first is the **earthly city**, built around love of oneself and attachment to worldly values. The second is the **City of God**, built around love of God and divine values. For Augustine, humanity's ultimate goal is to reach the City of God and attain eternal happiness.

Thomas Aquinas (1225–1274 CE)

About eight hundred years later, another great philosopher appeared in Europe: **Thomas Aquinas**. He came from a wealthy family, but devoted his life to study, teaching, and religious work.

Like Augustine, Aquinas was primarily concerned with explaining and defending Christian faith. His method, however, was different. By his time, the philosophy of Aristotle had once again become influential in Europe, and Aquinas tried to use Aristotle's ideas to construct a systematic account of Christian thought.

One of Aquinas's most important questions was:

Do reason and faith contradict each other?

His answer was no. Aquinas believed that reason and faith can work together, although each has its own limits. Human reason can investigate the world and even use features of the world to argue for the existence of God. However, reason alone cannot lead human beings to salvation and ultimate happiness. For that, human beings need revelation and faith.

In his famous work **Summa Theologiae**, Aquinas presented several arguments for the existence of God that later became known as the **"Five Ways."** These arguments begin with observations about movement and change, cause and effect, possibility and necessity, degrees of perfection, and the order of the universe. Aquinas then attempts to reason from these features of the world toward the existence of God.

At the same time, Aquinas emphasized that rational arguments do not replace revelation. Reason can take human beings only so far. Truths concerning salvation and ultimate happiness are known through revelation and faith.

Aquinas also devoted considerable attention to morality, virtue, and the good life. He believed that human beings should develop moral virtues and live according to reason and ethical principles. Yet ultimate and complete happiness, in his view, could only be achieved through **the vision of God in the afterlife**.

He distinguished between intellectual virtues, such as wisdom and knowledge, and the theological virtues of **faith, hope, and love**. The theological virtues held a higher place because they directed human beings toward their ultimate goal: God.

Augustine and Aquinas; Two Approaches to Reason and Faith

When we place the philosophies of these two thinkers side by side, the difference becomes clearer.

Augustine, influenced by Plato, placed reason within the framework of faith. He emphasized that faith opens the way to genuine understanding.

Aquinas, drawing on Aristotle, gave reason a broader role. He argued that reason can investigate the natural world and even provide arguments concerning the existence of God. Nevertheless, reason still has limits, and revelation and faith remain necessary for reaching the highest truths.

Thus, although Augustine and Aquinas differed in their approaches, both belonged to a philosophical tradition very different from the independent search for truth found in ancient Greek philosophy.

Philosophy had become a means of understanding and defending a truth that faith had already accepted.

Chapter Three: Philosophy in the Modern Era

The Transition from the Middle Ages to the Renaissance and the Beginning of Modern Philosophy

The End of the Middle Ages and the Beginning of a New Era

The Middle Ages in Europe lasted roughly from the fifth to the fifteenth century. This period is sometimes called the "Dark Ages," because after the decline of the ancient world, philosophy largely lost the independence it had once enjoyed, and European thought came increasingly under the influence of religion and the Church. When people wanted to understand the world or answer fundamental questions, they often turned to revelation and religious teachings. The central concerns of life were faith, the salvation of the soul, and happiness in the afterlife.

Under these conditions, philosophy was largely placed in the service of faith. Philosophers tried to explain religious beliefs through reason and argument and to defend them against criticism. Philosophy, however, was less often treated as an independent method for searching for truth.

From the fourteenth and fifteenth centuries onward, this situation gradually began to change. Interest in knowledge, art, literature, and the intellectual heritage of ancient Greece and Rome increased. People began to pay greater attention to earthly life, nature, and the powers of human reason. These changes created the conditions for a new era known as the **Renaissance**, meaning "rebirth."

Why Did These Changes Happen?

This transformation was not caused by a single event. A combination of social, economic, intellectual, and political changes played a role.

Socially, events such as the **Black Death** in the fourteenth century dramatically reduced Europe's population and changed its social and economic structures. Cities and trade gradually became more prosperous, while merchants and urban populations gained greater influence. As trade expanded, the need for education, accounting, writing, and practical knowledge also increased.

Intellectually, Europeans began returning to the works of philosophers and writers from ancient Greece and Rome. These works drew attention to reason, questioning, human beings, nature, and life in this world. As a result, human attention was no longer focused entirely on God and the afterlife. **Human beings, nature, art, and science** became increasingly important subjects of study.

Politically, the power of the Church was also gradually challenged by the growing power of kings and centralized governments. Europe was slowly moving away from the political and intellectual structures of the Middle Ages and entering a new era.

The Renaissance; A Return to Humanity and the World

The word Renaissance means "rebirth." It refers to the renewed interest in the intellectual, scientific, and artistic heritage of ancient Greece and Rome. During this period, greater

attention was given to human beings and their abilities. Art and literature flourished, while the study of nature and humanity became increasingly important.

Voyages of exploration and the discovery of new lands also changed the European understanding of the world. For example, Christopher Columbus's voyage in 1492 and Europe's subsequent contact with the Americas showed that the world was far larger and more diverse than many Europeans had previously imagined.

Science also began to place greater importance on **observation, measurement, and experiment**. Galileo's astronomical observations challenged traditional ideas about Earth's place in the universe. Later, Newton used mathematics and observation to formulate important laws concerning motion and nature.

In art, figures such as **Leonardo da Vinci and Michelangelo** portrayed human beings and nature with a new level of attention and precision.

The Renaissance, therefore, was not simply an artistic movement. It was part of a much larger transformation in the way human beings understood themselves and the world around them. People increasingly wanted to **see for themselves, think for themselves, and question the world for themselves.**

From these changes, modern philosophy gradually emerged.

The Characteristics of Modern Philosophy; The Problem of Knowledge

One of the most important differences between modern philosophy and the philosophy of antiquity and the Middle Ages was a change in the **central question of philosophy**.

Ancient philosophers often asked:

"What is the world, and what is reality really like?"

During the Middle Ages, many of these questions were examined within a framework centered on God, humanity, and the world, with faith and revelation playing a central role.

In the modern period, however, another question moved to the center of philosophy:

"How can human beings know the world?"

This change was influenced in large part by the development of science, especially mathematics and physics. Scientists such as Galileo and Newton showed that nature could be studied through observation, measurement, and precise methods. The success of science raised a new question for philosophers:

If science can achieve accurate and reliable knowledge, how can philosophy achieve certain knowledge?

Philosophy therefore began to focus more strongly on the **human knower**. Philosophers asked: How does reason work? What role do the senses play in knowledge? Can the human mind reach the truth about reality? And what are the limits of human knowledge?

For this reason, one of the central characteristics of modern philosophy can be described as a **shift from the question of "being and the world" to the question of "knowledge and the possibility of knowledge."**

The relationship between the **subject and the object** also became one of the major problems of philosophy. On one side was the human mind as the **knowing subject**; on the other was the external world as the **object being known**.

From this point, two major approaches emerged within modern philosophy.

Rationalism

Philosophers such as **Descartes, Spinoza, and Leibniz** emphasized the role of reason and logical argument in achieving knowledge. They believed that the senses are not always reliable and that reason can lead us toward more certain forms of knowledge.

Empiricism

In contrast, philosophers such as **Locke, Berkeley, and Hume** emphasized experience and the senses. They argued that human knowledge begins with experience and that the mind cannot acquire knowledge of the world without experience.

Later, **Kant** attempted to reconsider the relationship between reason and experience. Other philosophers continued to examine questions concerning knowledge, the mind, reality, human beings, and society from new perspectives.

Therefore, if we wanted to summarize the central concern of modern philosophy in one sentence, we could say:

Modern philosophy asks above all: How do human beings know, what can they know, and where are the limits of human knowledge?

Francis Bacon; The Beginning of a New Way of Understanding

Francis Bacon lived in England from 1561 to 1626. He was a philosopher, writer, lawyer, and statesman, but he is best known in the history of ideas for his emphasis on **experience, observation, and a systematic method for understanding nature**.

Bacon lived at a time when Europe was gradually moving away from older ways of gaining knowledge. People increasingly wanted to investigate nature for themselves and, instead of relying completely on the words of earlier authorities, began to place greater importance on observation and experience. Bacon's central question was:

If we want to understand the world, where should we begin?

His answer was clear: we should turn to **nature itself**. We should not simply trust old books or accept the opinions of earlier scholars. We should observe, ask questions, carry out experiments, and learn from the results.

For example, if we want to discover which objects float on water and which ones sink, it is not enough simply to guess. We can test different materials, record the results, and then move from many individual observations toward a more general conclusion.

This approach is closely related to what we call the **inductive method**: moving from particular observations toward a general conclusion or law. Instead of creating a theory first and then looking only for evidence that supports it, we should begin by examining reality as carefully as possible.

Of course, Bacon did not invent the modern scientific method by himself. Modern science developed through the work of many scientists and thinkers. However, he played an important role in promoting the idea that our knowledge of nature should be based on **observation, experience, and the systematic examination of evidence**.

Bacon also recognized an important problem: **the human mind is not always impartial.** Our habits, prejudices, fears, and previous beliefs can influence the way we see reality. Sometimes people decide what they want to believe first and then look only for evidence that supports their existing opinions.

For this reason, Bacon believed that if we want to understand the world correctly, we must also be aware of the mistakes and biases of our own minds. We should learn to question our previous beliefs and allow the evidence to lead us toward a conclusion, rather than deciding on the conclusion in advance.

Bacon did not see science as a way of gaining knowledge only for its own sake. In his view, knowledge should also help human beings improve their lives. Understanding nature could lead to better tools, scientific progress, and new ways of solving practical problems. His famous idea is often summarized in a simple phrase:

Knowledge is power.

Bacon's ideas were part of a much larger transformation taking place in the modern world—a transformation in which observation, experiment, and the examination of evidence became increasingly important. Thinkers such as Galileo, and later Newton, also played major roles in the development of this new scientific outlook, although each followed his own path and methods.

In this way, Bacon became one of the important figures at the beginning of the modern era. He directed human attention toward a fundamental question:

Before asking what the world is, perhaps we should first ask how we can know it.

His message for people today is also simple and important:

Do not accept claims without question. Ask, observe, examine the evidence, and then reach a conclusion.

From this perspective, knowledge was no longer simply a collection of information. It became **a method for understanding the world**.

This change became one of the important foundations of modern thought and science and opened the way to an even larger question—one that would later move to the center of modern philosophy:

How does the human mind gain knowledge, and how far can it reach toward the truth?

René Descartes; The Father of Modern Philosophy

René Descartes was born in France in 1596 and died in 1650. He was a philosopher, mathematician, and scientist who played a major role in the development of modern philosophy. Descartes lived at a time when European thought was gradually moving away from many of the intellectual frameworks of the Middle Ages, and the problem of **knowledge and certainty** was becoming one of the most important questions in philosophy.

Descartes began with a fundamental question:

If we want to gain knowledge that is completely certain, where should we begin?

He wanted to build philosophy like a structure with foundations so strong that they could not easily be doubted. In his view, many of our beliefs come from our families, education, habits, and the statements of other people, and some of these beliefs may be true while others may be false. Therefore, we should examine them again and ask whether we can find something that truly cannot be doubted.

Methodic Doubt; A Path to Certainty

To do this, Descartes used what is known as **methodic doubt**. He decided to temporarily set aside anything that could possibly be doubted and see whether, among all these doubts, there was something that remained certainly true.

He asked himself: Can we always trust our senses? Is it possible that we sometimes misunderstand what we see? Could we even be dreaming while believing that we are awake?

Descartes did not want human beings to remain skeptical forever. **For him, doubt was a tool, not a destination.** He wanted to use doubt to find a secure starting point on which knowledge could be built.

Eventually, he reached the conclusion that even if he doubted everything else, he could not doubt the fact that **he was thinking**. And if he was thinking, then he must exist. This became his famous philosophical idea:

“I think, therefore I am.”

This statement became extremely important in modern philosophy because Descartes made the **thinking and knowing mind** the starting point of his philosophical investigation. From this

point onward, the question was no longer simply, “What is the world?” Another, more fundamental question emerged:

“How can the human mind gain certain knowledge about the world?”

Reason and the Standard of Knowledge

After finding this starting point, Descartes emphasized the importance of **reason and clear thinking**. In his view, people should not accept something simply because it is based on tradition, habit, or the authority of others. They should examine it, ask for reasons, and seek knowledge that is as clear and certain as possible.

Here Descartes arrives at one of the central features of modern philosophy: **confidence in the ability of human reason to establish the foundations of knowledge.**

Descartes was also deeply interested in mathematics. He believed that the precise and systematic character of mathematics could provide a model for philosophical thinking. He made important contributions to mathematics as well, particularly through his work connecting geometry and algebra, which played an important role in the development of **analytic geometry**.

The Mind and the Material World

Descartes later distinguished between two different kinds of reality: **mind** and **matter**.

The mind, or the **thinking substance**, is that which thinks and is conscious. In contrast, the body and the material world belong to what he called **extended substance**—things that occupy space and possess physical properties. In this way, Descartes made a fundamental distinction between the **mind and the body**.

This view, later known as **Cartesian dualism**, became one of the most influential theories in modern philosophy. It also created a new and difficult question: if the mind and body are fundamentally different, how do they interact with one another?

Why Is Descartes Important?

Descartes is important not only because of the answers he offered, but because he **changed the starting point of philosophy**. Instead of beginning with the external world, he first turned toward the human mind and asked:

“What can I know with certainty?”

For this reason, Descartes is regarded as one of the most important founders of modern philosophy. After him, modern philosophers followed the problem of knowledge more closely: Is the source of knowledge reason or experience? What are the limits of human knowledge? Can the mind know reality as it truly is?

In this sense, while Bacon emphasized **experience and observation**, Descartes placed greater emphasis on **reason and certainty**. These two approaches helped create one of the most important debates in modern philosophy:

Does human knowledge come primarily from reason or from experience?

This question will lead us to **rationalists such as Spinoza and Leibniz**, and on the other side to **empiricists such as Locke and Hume**.

Baruch Spinoza; The Philosopher Who Lived According to His Philosophy

Baruch Spinoza was born in Amsterdam in 1632 and died in 1677. He came from a Jewish family, but from a young age he chose to think for himself about God, religion, humanity, and the world. For Spinoza, accepting a belief simply because it was old, popular, or approved by others was not enough. A person should be able to question their beliefs and examine them through reason. This intellectual independence eventually led to his expulsion from the Jewish community of Amsterdam in 1656.

What made Spinoza remarkable, however, was not only his philosophical ideas. **He tried to live according to his philosophy.** He believed that human beings could become freer by freeing themselves from fear, dependence, and ignorance, and by organizing their lives according to reason and understanding. He himself chose a simple life in order to protect his independence.

Spinoza supported himself by grinding and polishing optical lenses. He did not choose a luxurious life or a highly paid profession. Instead, he preferred to remain independent and devote his time to thinking and writing. Later, he even declined an offer to teach philosophy at the University of Heidelberg. He did not want an academic position to place restrictions on his freedom of thought. For him, intellectual freedom was more valuable than status or social position.

His personal life was simple as well. Spinoza did not seek wealth or fame, and during the final years of his life he lived in a rented house in The Hague. He owned relatively few possessions and chose a quiet and independent life rather than pursuing wealth and social status. This simplicity was not merely a matter of money. It was connected to his idea of the good life. A person should not become dependent on things that require them to sacrifice their freedom and peace of mind.

Spinoza also experienced pressure and danger during his lifetime. After the political events of 1672, some people in The Hague became suspicious of him, and his landlord feared that an angry crowd might attack the house. According to a well-known account, Spinoza responded courageously and was prepared to face the crowd rather than allow fear to control him. Whether every detail of this story is historically certain or not, it fits an important idea in his philosophy: **a free person should not allow fear to control reason and choice.**

Spinoza's central philosophical question was: **What is God, and what is the relationship between God and the world?** His answer was very different from the traditional understanding of God held by many religious traditions. He did not think of God as a being completely separate from nature, standing outside the world and occasionally intervening in it.

Instead, he used the famous expression **"God or Nature."** According to Spinoza, there is one fundamental reality, or substance, and everything that exists is part of that single reality.

This idea creates an important difference between Spinoza and Descartes. Descartes believed that mind and material reality were two different substances. Spinoza, however, argued that **thought and extension are two attributes of one underlying substance: God or Nature.** We experience the same reality from different perspectives. From the perspective of thought, we understand it through ideas and consciousness; from the perspective of extension, we understand it as the physical and material world.

From this point of view, human beings are not separate from nature. **We are part of nature itself.** Many things that happen within us have causes that we do not fully understand. Fear, anger, jealousy, and many of our desires do not simply appear without causes. If we can understand the causes of our emotions and understand the laws of nature, we can become less controlled by them.

This is where the idea of **freedom** becomes especially important in Spinoza's philosophy. Freedom does not mean that a person can act without causes or simply do whatever they want. Spinoza believed that everything in nature happens according to causes and laws, and human beings are part of this system. But a person can become freer by **understanding those causes**. The more we understand, the less we are controlled by ignorance, fear, and unconscious reactions.

For example, if a person is afraid of something, the first reaction may be simply to avoid it. But if that person begins to understand the cause of the fear and thinks carefully about it, they may develop a different relationship with it. Knowledge, therefore, is not simply the collection of information. **For Spinoza, knowledge is a path toward freedom.**

This idea is also connected to Spinoza's understanding of happiness. He did not believe that true happiness could be found in wealth, fame, or temporary pleasures. Real happiness comes when a person understands themselves and the world more deeply, lives according to reason, and understands their place within nature. The more a person understands reality, the less they become a prisoner of blind fear and uncontrolled desire, and the more peace and freedom they can experience.

Spinoza's life can therefore be seen as an example of **living according to one's philosophy**. He spoke about intellectual independence and protected his own independence. He defended freedom of thought and refused to give up his ideas simply to maintain social status. He valued freedom from unnecessary dependence and chose a simple life. He believed that reason could help human beings overcome fear, and he tried to live according to that belief.

Perhaps the most important lesson of Spinoza is this: **philosophy is not merely something we think about; it can become a way of living.**

Gottfried Leibniz; The Philosopher Who Wanted to Understand the World Through Reason

Gottfried Wilhelm Leibniz was born in Germany in 1646 and died in 1716. He was one of the most remarkable thinkers of the modern era: a philosopher, mathematician, logician, and scholar who worked in many different fields of knowledge. From an early age, Leibniz had a strong interest in reading and thinking, and he believed that the world could be better understood through **reason, logic, and mathematics**.

Like many rationalist philosophers of the modern period, Leibniz had great confidence in the power of human reason. One of his central questions was:

Does the world have an order and a reason behind it, and can human reason discover that order?

For Leibniz, the world was not simply a collection of random events with no explanation. There had to be a reason behind everything that exists or happens. He expressed this idea through what became known as the **"Principle of Sufficient Reason."** In simple terms, it means that whenever something exists or happens, we should be able to ask:

"Why is it this way rather than another way?"

For example, if we see a tree growing in a particular place, we can ask many questions about it: Why did it grow here? Why did it grow to this size? What conditions allowed it to grow? Leibniz believed that this simple question—**"Why?"**—was one of the most important tools of reason for understanding the world.

The Best of All Possible Worlds

Leibniz's belief in the order of the universe also led him to think deeply about God. He argued that God, considering all the possible worlds that could exist, created **"the best of all possible worlds."**

This did not mean that our world is free from pain, illness, suffering, or difficulties. Clearly, the real world contains many problems. Leibniz meant that when all the possibilities and conditions are taken into account, the world that actually exists has an overall order that makes it the best choice among all possible worlds.

But this idea immediately creates a difficult question:

If this is the best possible world, why is there so much suffering and evil in it?

This question later became one of the important problems of modern philosophy. Many philosophers thought about the relationship between **God, the order of the universe, human freedom, and the existence of evil**.

Monads; What Is the World Made Of?

To explain the deeper structure of reality, Leibniz developed a complicated theory known as **"monads."**

He did not believe that reality was ultimately made up only of physical particles. According to him, behind the world we experience through our senses are fundamental, non-material units that he called **"monads."**

To understand the idea more easily, we can think of a monad as a **fundamental unit of reality**. It is not a tiny physical particle, but something non-material that reflects reality from its own particular perspective. Each monad is like a different point of view, reflecting the whole universe in its own way.

But if every monad is independent, another question appears:

Why does the world seem so orderly and harmonious?

Leibniz's answer was that this harmony was established by God from the beginning. He called this idea **"pre-established harmony."** In other words, God created the fundamental units of reality in such a way that they correspond with one another and together form an orderly and harmonious universe.

This part of Leibniz's philosophy can be difficult to understand, but the main idea is simpler: he wanted to explain how a universe made up of different fundamental elements could still be **orderly, harmonious, and governed by regular principles**.

Leibniz; Philosopher and Mathematician

Leibniz was not only a philosopher. He was also one of the great mathematicians of the modern period. Independently of Newton, he played an important role in the development of **calculus**. Many of the symbols still used in calculus were influenced by his system of notation.

This achievement was important not only for mathematics itself. For Leibniz, mathematics was an example of the power of human reason. Mathematics showed that the human mind could discover **patterns and relationships** among complicated phenomena and describe them with precision.

Leibniz even hoped that one day many disagreements and arguments between people could be examined as precisely as mathematical problems. Instead of arguing endlessly, people might simply be able to say:

"Let us calculate and see which argument is correct."

This dream reveals how strongly Leibniz believed in the power of reason and logic.

Reason and Faith

Unlike some simple interpretations of modern philosophy, Leibniz did not believe that the growth of reason necessarily meant abandoning God. He believed both in God and in the power of human reason.

According to Leibniz, reason could investigate the order of the universe and raise serious questions about God, nature, and the structure of reality. His philosophy therefore became an

important example of **modern rationalism**—the belief that human reason is capable of discovering fundamental principles about reality.

If **Descartes** tried to find the first certain foundation of knowledge in the **thinking self**, **Spinoza** used reason to understand reality as a single unified substance, and **Leibniz** tried to show that the universe possesses an order, a reason, and a rational structure that the human mind can discover.

Leibniz can therefore be seen as one of the important representatives of the modern confidence in reason. His central question can be summarized like this:

If the universe has order and reasons behind it, can human reason discover that order?

Leibniz's answer was yes. He believed that human beings, through **reason, logic, mathematics, and experience**, could understand a large part of the structure of the world.

This deep confidence in the power of reason made Leibniz one of the important figures in modern philosophy.

John Locke; The Philosopher of Empiricism and Freedom

John Locke lived in England from 1632 to 1704. He lived during a time when Europe was experiencing major changes in science, philosophy, and politics. People were increasingly asking important questions such as: **How do we gain knowledge? What rights do human beings have? And where does a government get its authority to rule?**

Locke gave important answers to both groups of questions. For this reason, he became one of the most influential thinkers of the modern period, both in the **philosophy of knowledge** and in **political philosophy**.

How Does the Human Mind Develop?

One of Locke's most important questions was: when a person is born, what is already inside the mind?

Rationalists such as Descartes and Leibniz believed that the human mind possessed certain basic principles or abilities that existed independently of experience. Locke disagreed with this view. He argued that at the beginning of life, the human mind is like a **blank slate**, without a collection of ready-made ideas already inside it.

So how does human knowledge develop?

Through experience.

By seeing, hearing, touching, feeling, and interacting with the world around us, we gradually develop knowledge. The human mind receives information from experience and works with it.

Therefore, if we want to understand what human beings know, we must pay attention to experience and to the way knowledge develops in the mind.

This idea became one of the foundations of **empiricism**, a philosophical movement that challenged rationalism and emphasized the importance of experience and observation in gaining knowledge.

But Locke was not interested only in questions about knowledge. He also asked another important question:

If human beings are born free, where does a government get the right to rule them?

Human Beings as Free and Possessing Natural Rights

Locke believed that before governments are established, human beings already possess **natural rights**. The most important of these are **life, liberty, and property**.

These rights are not given to people by the government. People possess them before governments exist. Therefore, the government does not own the rights of its citizens; its responsibility is to protect them.

But why do people create governments in the first place?

According to Locke, people form governments because they want to protect their lives, freedom, and property more effectively. They agree to live under common laws and give the government some authority to act on their behalf. In this way, the power of government comes from the **consent of the people**.

This means that a government cannot simply do whatever it wants. Its power is limited, and its purpose should be to protect the rights of the people.

If a government stops protecting those rights and instead takes away people's freedom or violates their natural rights, it cannot claim to be legitimate simply because it possesses power. Locke believed that people have the right to **reform or replace** a government that seriously fails in its responsibility.

This idea was especially important in Locke's time. In many European countries, kings possessed enormous political power, and there was a widespread belief that rulers had the right to govern simply because of their position. Locke challenged this idea by asking:

Where does political power come from, and what makes it legitimate?

His answer was clear: **the consent of free people and the government's responsibility to protect their natural rights.**

Locke's ideas later had a major influence on modern political philosophy and on ideas about **individual liberty, natural rights, limited government, and popular consent**. His political thought also influenced the development of ideas that became important during the American Revolution.

From Knowledge to Freedom

Locke is especially important in the history of modern philosophy because he placed two major questions side by side:

How does human beings gain knowledge?

Locke's answer: through **experience**.

How should human beings live freely?

Locke's answer: by having **natural rights** and a government whose purpose is to protect those rights.

In this way, Locke was not simply a philosopher of the mind and knowledge. He was also a philosopher who made **human knowledge and human freedom** two central questions of modern thought.

If Descartes asked, **"How can I be certain that I know something?"**, Locke stepped back and asked an even more basic question:

"How does knowing begin in the human mind?"

And in politics, he asked:

"If human beings are born free, how can any government take away their freedom without a legitimate reason?"

From here, Locke's empiricism opened the way for philosophers such as **George Berkeley and David Hume**, who would take questions about experience, perception, and the limits of human knowledge even further.

David Hume; The Empiricist and Skeptic

David Hume lived in Scotland from 1711 to 1776 and became one of the most important empiricist philosophers of the modern period. Like many modern philosophers, he was deeply interested in one central question:

How does human beings gain knowledge, and how far can we trust what we think we know?

To answer this question, Hume did not begin with grand assumptions about the universe. Instead, he turned his attention to the **human mind and human experience**. He wanted to understand where our thoughts and beliefs actually come from.

All Knowledge Begins with Experience

Hume believed that what exists in our minds is ultimately connected to our experiences. We see, hear, touch, or feel something, and then our minds form thoughts and ideas from those experiences.

He distinguished between two kinds of mental perceptions:

Impressions and **ideas**.

Impressions are our direct and vivid experiences—for example, seeing a tree, hearing music, or feeling the warmth of the sun. But when we later remember that tree or that sound, we no longer have the original experience itself. Instead, we have a mental image or memory of it. Hume called this an **idea**.

So, put simply, **our ideas come from our experiences**.

But Hume then asked a deeper question:

Is everything we believe really based on experience?

Can We Know Cause and Effect with Certainty?

One of Hume's most important discussions concerned **cause and effect**.

In everyday life, we constantly connect events as causes and effects. For example, we see fire and then feel heat, so we say that fire causes heat.

But Hume asked:

What exactly do we experience?

We see that one event repeatedly happens after another, but we do not actually see some invisible "necessity" connecting them.

For example, we have seen many times that fire produces heat. Because of this repeated experience, we expect that whenever we see fire again, we will feel heat. But according to Hume, this expectation comes from **habit**, not from a logically certain proof.

In other words, the mind learns from repeated experiences and develops expectations about what will happen next.

What Will Happen Tomorrow?

Hume used a simple example to explain this problem: we have seen the sun rise every day, so we expect it to rise again tomorrow.

But can we prove through pure logic that the sun **must** rise tomorrow?

Hume's answer is **no—not with logical certainty**.

We trust the future because of our past experiences. But the assumption that the future will continue to resemble the past is itself something we cannot prove with absolute certainty simply by looking at the past.

This became one of the most important problems in the philosophy of knowledge:

Can we use past experience to make certain claims about the future?

Hume and Religious Beliefs

Hume applied the same skeptical approach to philosophical arguments about religion. He questioned arguments that tried to prove the existence of God from the order of the universe, the idea of a designer, or other features of nature.

He believed we should be careful not to draw extremely large and certain conclusions from our limited experiences.

Hume was not simply saying, **"God does not exist."** His deeper question was:

Can human reason and experience prove the existence of God with certainty?

He was skeptical of such claims and believed that human beings should recognize the limits of what they can know.

Skepticism; The End of Knowledge or the Beginning of Questions?

Hume was not simply a philosopher who rejected knowledge. Instead, he showed that we should distinguish between **what we actually know** and **what we merely expect, assume, or believe because we are accustomed to it**.

For Hume, skepticism did not mean abandoning reason. It was a way of **examining our beliefs more carefully**.

If we assume that we already know everything with certainty, we have little reason to question or investigate anything. But when we question our beliefs, we are encouraged to look for evidence, experience, and good reasons.

In this sense, Hume's skepticism can be understood as a **warning against being too confident in our own beliefs**.

Hume and the Problem of Knowledge

Hume helped make one of the central questions of modern philosophy even more important:

How does the human mind move from experience to belief, and can those beliefs ever become certain knowledge?

He showed that many beliefs that seem completely obvious to us may actually be based on **experience, habit, and expectation**, rather than on logically certain proof.

This is why Hume became one of the most important empiricist and skeptical philosophers of the modern period.

Hume's message for us today is simple:

Do not immediately treat every belief as certain truth. Ask:

"What is the reason for this belief? What experience supports it? Where is the evidence? And if new evidence appears, am I willing to change my mind?"

This is what Hume added to the problem of knowledge: **knowing is not only about gathering information; understanding the limits of what we can know is also a part of wisdom.**

Immanuel Kant; The Philosopher of Reason, Knowledge, and Ethics

Immanuel Kant was born in 1724 in Königsberg, in the Kingdom of Prussia, and spent almost his entire life in the same city. He was a university professor and one of the most important philosophers of the modern period. Kant faced a fundamental question:

How can human beings know something, and what are the limits of human knowledge?

This question was especially important to Kant because science, particularly Newtonian physics, had made remarkable progress during his lifetime. Newton had been able to explain the movement of objects and planets through precise mathematical laws. Yet philosophers were still deeply divided over many basic questions.

Kant asked himself:

Why has science been able to achieve such precise knowledge while philosophy is still filled with disagreement and doubt?

To answer this question, he turned his attention to two major movements in modern philosophy: **rationalism** and **empiricism**.

Kant; Between Rationalism and Empiricism

Rationalists such as Descartes and Leibniz emphasized the power of reason and believed that reason could discover important truths.

Empiricists such as Locke and Hume, on the other hand, argued that human knowledge begins with experience and that the mind cannot gain knowledge of the world without experience.

Kant believed that both sides had discovered part of the truth.

In his view:

Knowledge cannot exist without experience, but experience alone cannot become organized knowledge without reason.

Our senses provide us with information about the world, but the mind organizes and structures that information. Knowledge is therefore the result of cooperation between **experience and the structures of the mind**.

For example, we experience different events in the world, but our minds organize them through frameworks such as time, space, and cause and effect.

Put simply, **the human mind is not merely a passive receiver of information; it also plays an active role in shaping our experience.**

The Kantian Revolution in Philosophy

Kant developed this idea in his major work, **Critique of Pure Reason**, where he asked:

How does the human mind know the world, and where are the limits of that knowledge?

Before Kant, many philosophers had assumed that the mind had to adapt itself to the external world in order to know it. Kant suggested looking at the problem from another direction:

Perhaps the world as we experience it is partly shaped by the structures of our own minds.

We experience everything within **time and space**, and we understand events through relationships such as cause and effect. Therefore, the human mind plays an active role in constructing the experience we have of the world.

But this leads to an important limitation.

Kant distinguished between the **phenomenon** and the **noumenon**.

A **phenomenon** is the world as it appears to us through experience and through the structures of our minds.

The **noumenon**, or "thing-in-itself," refers to reality as it exists independently of our experience and our way of perceiving it.

According to Kant, we can know phenomena, but we cannot claim to know the noumenon exactly as it exists in itself.

So human reason is powerful, but **it is not unlimited**.

Can We Know God, the Soul, and the Universe?

This conclusion was very important to Kant.

Human beings can investigate the world of experience. But when reason tries to gain certain, scientific knowledge about things such as **God, the soul, or the universe as a complete whole**, it moves beyond the limits of experience.

Kant was therefore not saying that these questions were meaningless or that God does not exist. His point was:

Theoretical reason cannot prove the existence of God or other realities beyond experience in the same way that science proves an empirical fact.

In this way, Kant challenged both excessive rationalism and claims that human reason could know more than it actually could.

He wanted to show that **understanding the limits of reason is just as important as using reason itself.**

Kant and Ethics; How Should We Live?

But Kant's philosophy was not only about knowledge. He also asked another great question:

How should human beings live?

For Kant, morality should not be based only on the results of our actions or on personal benefit. The moral value of an action also depends on **our intention and our willingness to act from moral duty**.

Imagine that we help someone. If we do it only because we want other people to praise us, our motivation is different from helping someone because we believe it is the right thing to do and because we respect that person.

Kant believed:

We should do what is right because it is right, not simply because we expect a reward or fear punishment.

The Categorical Imperative; A Moral Rule for Everyone

To explain his moral principle, Kant introduced the famous idea of the **"categorical imperative."**

In simple terms, his principle can be expressed like this:

Act only according to a rule that you could reasonably want everyone to follow.

For example, if someone is thinking about lying, they should ask:

If everyone lied in similar situations, would trust between people still exist?

If a rule could not reasonably be accepted as a general rule for everyone, then it cannot serve as a universal moral principle.

Human Beings Are Ends, Not Merely Means

One of Kant's most important ethical ideas was that **every human being has inherent worth and dignity**.

We should never treat other people merely as tools for achieving our own goals.

For example, if we become friends with someone only because we want to get something from them, we are treating that person as a means to an end.

For Kant, human beings are rational creatures with inherent value, and they must always be treated with respect.

This idea later had a major influence on moral philosophy and on ideas about **human rights and human dignity**.

Kant, Ethics, and God

In his theoretical philosophy, Kant argued that the existence of God cannot be proven in the same way as a scientific fact. But in his moral philosophy, the question takes a different form.

He believed that moral life leads us toward ideas such as **freedom, immortality, and God**.

For example, if human beings are responsible for their moral choices, they must be free, at least in an important sense. Kant also believed that practical reason leads us toward certain moral ideas and assumptions.

The relationship between Kant and religion is therefore complex: **he did not try to prove faith through theoretical reasoning, but neither did he simply reject it. Instead, he gave morality and religion a different place from scientific knowledge.**

Kant and the Enlightenment; Dare to Think for Yourself

Kant was one of the important figures of the Enlightenment. He believed that people should free themselves from intellectual dependence and have the courage to use their own reason.

His famous message can be summarized in one sentence:

“Dare to use your own reason.”

In other words, we should not accept something simply because someone else has told us to believe it. We should ask questions, look for reasons, think for ourselves, and take responsibility for our own judgments.

This is essential to understanding Kant’s place in modern philosophy: **he trusted the power of reason while also showing that reason has limits.**

Kant and the Three Great Questions of Philosophy

Kant’s philosophy can be summarized through three major questions:

What can I know?
Through the cooperation of experience and reason, but only within the limits of experience. We cannot know reality completely independently of the structures through which our minds experience it.

How should I act?
According to moral principles that can be valid for everyone, while treating human beings as ends in themselves rather than merely as means.

How should I live?
By using reason, thinking independently, exercising freedom, and accepting moral responsibility.

Kant therefore represents an important turning point in the development of modern philosophy. **Descartes began with certainty, empiricists such as Locke and Hume emphasized experience, and Kant tried to show that knowledge results from the cooperation of experience and the structures of reason, while reason itself has limits.**

From this point, modern philosophy enters a new stage. It no longer asks only:

"What is the world?"

It also asks, with greater seriousness:

"How does the human mind know the world, and how far can it legitimately claim to know?"

Fichte and Schelling: Continuing Kant's Philosophy

After Kant, a group of German philosophers tried to develop his ideas further while also going beyond some of the limits he had placed on human knowledge. They raised new questions about **the mind, self-awareness, freedom, nature, and the relationship between human beings and the world**.

Two of the most important thinkers in this movement were **Johann Gottlieb Fichte** and **Friedrich Wilhelm Joseph Schelling**. Their ideas became part of a larger philosophical movement later known as **German Idealism**, which would eventually reach one of its most influential forms in the philosophy of Hegel.

Johann Gottlieb Fichte: The Free and Active Human Being

Johann Gottlieb Fichte was born in Germany in 1762. He was strongly influenced by Kant at first, but he gradually developed his own approach to philosophy.

One of Fichte's important questions was:

If the human mind plays a role in knowing the world, then what exactly is this "I" that knows?

Fichte placed great importance on **self-awareness**. In his view, a human being is not simply someone who looks at the world and thinks about it. A human being is also an **active and free person** who acts in the world through awareness and will.

The “I,” therefore, is not simply a spectator. A person becomes aware of themselves, chooses goals, makes decisions, and works to achieve those goals.

For example, imagine a teenager who decides to learn a new skill. First, they set a goal for themselves. Then, through effort and action, they try to change their situation and achieve that goal. From Fichte’s point of view, human beings are not simply controlled by the world around them; **they also play an active role in shaping their own lives and the human world.**

That is why **freedom and responsibility** are so important in Fichte’s philosophy. Freedom does not simply mean doing whatever we want. It means being able to choose our goals consciously and take responsibility for our actions.

Fichte therefore presents a new picture of the human being:

A human being is not merely a spectator of the world; they are an active creator of their own life.

Friedrich Schelling: Connecting Human Beings and Nature

Friedrich Wilhelm Joseph Schelling was born in Germany in 1775. At first, he was influenced by Fichte, but he gradually developed his own philosophical path.

Schelling was concerned with one of the important problems of modern philosophy: **the separation between the mind and nature**.

On the one hand, human beings were understood as conscious beings with minds. On the other hand, nature was often seen as something external and material. Schelling asked:

Are human beings and nature really two completely separate things?

His answer was no.

For Schelling, nature is not something dead and completely separate from human beings. Nature is a **living, dynamic process** that is constantly developing, and human beings are part of this same nature.

Therefore, we cannot completely separate the study of nature from the study of human beings.

Schelling also gave **art** an important place in philosophy. He believed that reason alone cannot reveal every aspect of reality. Art can show things that are difficult to express through ordinary logical arguments.

In a work of art, **nature, feeling, imagination, and thought** can come together. For this reason, art was not simply entertainment for Schelling; it was also a way of approaching truth.

How Were Fichte and Schelling Different?

Their differences can be explained quite simply:

Fichte focused more on human beings, self-awareness, freedom, and will.

Schelling focused more on the relationship between human beings and nature, arguing that nature and spirit are not completely separate from each other.

Yet both continued the path that Kant had begun.

Kant had argued that **the human mind plays an active role in knowing the world**. Fichte and Schelling took this idea further and asked new questions:

If the mind plays a role in knowing the world, what is the human self?

How is human freedom possible?

What is the relationship between human beings and nature?

Should we see reality as a collection of separate things, or as one connected and developing whole?

These questions prepared the way for **Hegel**, a philosopher who would try to bring human beings, nature, history, reason, and truth together within a large philosophical system.

Hegel; The Philosopher Who Saw the World in Motion

After Kant, German Idealist philosophers continued to explore questions about **the mind, reality, and knowledge**. Hegel was one of the most important among them. He believed that if we want to understand the world, we should not look only at separate things. We should also look at **the relationships between things and how they change and develop over time**.

Hegel's Metaphysics; What Is Reality?

Hegel believed that reality is not meaningless or without order. There is **reason and structure** within reality, and reality gradually reveals itself through a historical process.

Hegel did not mean that the world is simply a thought or an illusion. Rather, he believed that **reality and reason are closely connected**. By thinking and reflecting, human beings can discover part of the rational structure of the world.

For Hegel, therefore, the world is not something fixed and motionless. It is **always changing and becoming**.

Truth; Something That Develops

For Hegel, truth cannot simply be understood as one simple answer that we discover all at once. Our understanding of truth develops over time.

For example, a child's understanding of justice is different from that of a teenager or an adult. As people gain experience, think about problems, and face challenges, their understanding can become deeper.

So, for Hegel, truth is not simply a **final answer**. It is also **a process through which our understanding becomes more complete**.

Dialectic; Development Through Contradiction

One of the most famous ideas associated with Hegel is **dialectic**.

Hegel believed that thought and reality develop through conflicts and contradictions. One way of thinking may eventually reveal its own limitations, while another way of thinking emerges in response. From the tension between them, a new and deeper understanding can develop.

For example, a teenager might initially think:

"Freedom means doing whatever I want."

But then they may realize that if everyone does whatever they want, one person's freedom can interfere with another person's freedom. This can lead to a new understanding:

Freedom without responsibility is not complete freedom.

This movement from an initial idea, through a conflict or limitation, toward a deeper understanding is a simple example of **dialectical thinking**.

History; Humanity's Movement Toward Freedom

Hegel did not see history as a random collection of unrelated events. He saw history as a process in which **human awareness and freedom develop**.

Throughout history, human beings have gradually developed a deeper understanding of themselves, society, and freedom. Law, morality, art, religion, and philosophy have all played roles in this process.

History, therefore, is not simply a story about kings and wars. For Hegel, it is also **the story of humanity's growing awareness of freedom**.

Hegel pointed to changes in the idea of freedom throughout history. In some ancient societies, for example, only one person—the ruler—was regarded as free. In later societies, freedom was associated with particular groups. In the modern world, however, the idea developed that **all human beings should be free**.

But Hegel did not think that real freedom simply means doing whatever we want. True freedom must be connected with **reason, law, and responsibility**.

World Spirit and Absolute Spirit

Hegel used the concept of **Spirit** to explain the development of human awareness. In simple terms, we can understand the **World Spirit** as reason and consciousness developing through human history.

Through art, religion, and philosophy, human beings try to understand reality more deeply. Philosophy has a special place because it allows people to consciously reflect on themselves, the world, and truth.

The idea of **Absolute Spirit** refers to a higher stage of awareness in which consciousness reaches a deeper understanding of itself and reality. In this sense, Hegel's philosophy aims at an understanding in which **reason, truth, and freedom** are no longer treated as separate things.

So, What Was Hegel Saying?

We can summarize Hegel's philosophy very simply:

- **Reality is not fixed; it is constantly changing and developing.**
- **Truth becomes clearer through a gradual process.**
- **Contradictions can lead to the development of ideas and societies.**
- **History is a process through which human awareness and freedom develop.**
- **Real freedom is connected with reason, law, and responsibility.**
- **Philosophy is humanity's attempt to understand truth consciously.**

Hegel offered a new way of looking at the world. Instead of seeing reality as a collection of fixed things, we should understand it as **a living process that is constantly changing and developing**.

Hegel and the Philosophers Who Came After Him

Hegel's philosophy had an enormous influence on nineteenth-century philosophy and political thought. His followers developed his ideas in different directions. Some focused more on the religious and philosophical aspects of his thought, while others tried to connect his ideas with social, economic, and political questions.

Among the second group, **Karl Marx** became the most famous. Marx took some important ideas from Hegel, especially the importance of **contradiction and historical development**, and applied them to his analysis of society, economics, and history.

In this way, Hegel represents an important stage in the development of modern philosophy: **from Kant's focus on the problem of knowledge, philosophy expands toward questions of movement, history, society, and the transformation of reality.**

Karl Marx; The Philosopher Who Brought Philosophy into Real Life

Karl Marx was born in Germany in 1818 and became one of the most influential thinkers of the nineteenth century. He was initially influenced by the philosophy of Hegel, especially the idea of **dialectics**. But over time, Marx came to believe that to understand society and history, we should not look only at ideas. We must also look at **the real lives of human beings**: How

do people work? What do they produce? Who owns wealth and the means of production? And how is wealth distributed among people?

For Marx, the material conditions of people's lives play an important role in shaping society and human thought. In simple terms, people first need to meet their basic needs before they can fully devote themselves to other questions and activities.

Marx's Dialectic; Contradiction in Real Life

Marx took the idea of **dialectics** from Hegel, but connected it to the social and economic lives of human beings.

Hegel focused more on contradictions in ideas and the development of human consciousness. Marx, however, believed that important historical conflicts should be found in **real relationships between social groups**.

According to Marx, two important groups exist within capitalist society: **capitalists**, who own factories, land, businesses, and other means of production, and **workers**, who sell their labor in order to earn a living.

The interests of these two groups are not always the same. Capitalists generally seek greater profits, while workers seek better wages and working conditions. Marx believed that these economic and social conflicts could contribute to major changes in society.

Class Struggle and the Movement of History

Marx saw history to a large extent as a history of **class struggle**. In other words, groups with different economic positions can come into conflict over power, wealth, and living conditions.

For Marx, major historical changes are not simply the result of changing ideas and theories. Changes in the **way goods are produced and in economic relationships** also play a major role.

That is why, when Marx studied a society, he did not ask only:

"What do people think?"

He also asked:

"How do people live, and who owns the resources and means of production?"

Marx's Goal; Ending Exploitation

Marx criticized a society in which one group of people could gain large profits from the work of another group, while workers received only a limited share of the value created by their labor.

He hoped that a society could develop in which **the exploitation of one human being by another would disappear** and economic inequality between classes would be reduced.

Marx believed that workers could become aware of their social position and unite to change the structure of society. He ultimately envisioned a society without economic classes.

However, Marx's predictions about the future of society did not unfold exactly as he expected. His ideas were later interpreted in many different ways, and there have been significant disagreements about how his theories should be understood and applied.

Marx; Philosophy as a Way to Change the World

Marx was not simply a theoretical philosopher. He studied economics, politics, and society and was also involved in political and social activities. He spent many years living under difficult circumstances and away from his homeland.

One of the most important features of his thought was that he did not see philosophy as merely a way of **interpreting the world**. He believed that understanding society should also help people **change it**.

For this reason, Marx brought philosophy closer to questions about work, poverty, wealth, power, social class, and people's everyday lives.

Marx and Engels; The Development of Marxism

Marx worked closely with his friend and collaborator **Friedrich Engels**. Together, they developed a body of ideas that later became known as **Marxism**.

Several ideas are especially important in this tradition:

- **Economic conditions and the way goods are produced play an important role in the structure of society.**
- **History is shaped in part by conflict and struggle between social classes.**
- **Economic changes can transform political and social structures.**
- **The ultimate goal is a society without economic classes and exploitation.**

Marx's Influence on the World

Marx's ideas had an enormous influence on philosophy, economics, politics, and labor movements. Many political movements and parties drew inspiration from his work.

During the twentieth century, some governments also described themselves as Marxist or communist. However, **Marx's own theories should not simply be identified with every government that later claimed to follow Marxism or communism**. There were important differences between Marx's writings and the ways his ideas were later interpreted and put into practice in different countries.

Hegel and Marx; One Important Difference

The relationship between Hegel and Marx can be explained quite simply:

Hegel examined history mainly through the ideas of **thought, consciousness, and freedom**.

Marx examined history more through **economics, labor, social class, and the material conditions of life**.

Both gave an important place to **contradiction and historical development**, but Marx tried to bring Hegel's dialectical approach out of the purely philosophical realm and connect it to the real lives of human beings, especially their economic and social relationships.

For this reason, Marx can be seen as one of the major figures in modern philosophy who expanded philosophical questions beyond **"What is truth?"** and **"How can we know the world?"** toward questions such as:

How is society organized? Why does inequality exist? And how can society be changed?

Chapter 4: Contemporary Philosophical Movements

Five Important Currents of Contemporary Philosophy and Their Origins

In contemporary philosophy, philosophers began to face new questions about human beings, science, language, freedom, society, and the meaning of life. As a result, different philosophical currents developed, each looking at the world and human life from a different point of view. However, the boundaries between these currents are not always completely clear, and some philosophers are connected to more than one current.

1. Analytic Philosophy; Mainly in England and English-Speaking Countries

Analytic philosophy developed in the late nineteenth and early twentieth centuries, especially in England. Later, it spread to the United States, Australia, and other English-speaking countries. Analytic philosophers try to understand philosophical problems through precise reasoning, logic, and careful study of language. They ask questions such as: When we use words like "knowledge," "truth," "mind," or "freedom," what exactly do they mean? Topics such as language, the mind, science, logic, and knowledge are especially important to them. For this reason, analytic philosophy has often been close to the careful and precise methods used in science.

2. Existential Philosophy; Germany and France

Existential philosophy developed mainly in Germany and France during the nineteenth and twentieth centuries. It placed human beings and their personal lives at the center of philosophical thinking. Existential philosophers asked questions about freedom, choice, responsibility, anxiety, loneliness, and the meaning of life. They asked: How should a person live? Does life already have a fixed meaning, or must each person create their own meaning? In this philosophy, personal choices are very important because human beings are not only creatures who think about the world; they are also beings who must make choices and take responsibility for them.

3. Postmodern Philosophy; Mainly in France

Postmodernism became especially influential in France during the second half of the twentieth century and later spread to other countries. Postmodern thinkers are cautious about claims that there is one single and completely certain truth. They ask questions such as: Who decides what is true? How do language, culture, media, and power influence what we call "truth"? Therefore, postmodern thinkers try to examine accepted beliefs and show that the way people understand the world can be influenced by language, culture, and systems of power. However, postmodernism is not one completely unified school of thought, and its philosophers have different ideas.

4. Pragmatism or Practical Philosophy; the United States

Pragmatism developed in the United States in the late nineteenth century. Philosophers such as Charles Sanders Peirce, William James, and John Dewey played important roles in its development. Pragmatists asked what results an idea produces in real life. For them, the value of an idea is not only in how interesting or beautiful it sounds in theory; we should also ask whether it helps us understand the world or solve real problems. In simple terms, pragmatism says: Do not judge an idea only by what it says; look at what it actually does in practice. For

this reason, pragmatism also paid close attention to education, science, society, and practical problems in everyday life.

5. Hermeneutics or the Philosophy of Interpretation; Germany and Europe

At first, hermeneutics was mainly connected with interpreting texts, especially religious and literary texts. Later, it developed into an important philosophical approach. Philosophers such as Schleiermacher, Wilhelm Dilthey, Martin Heidegger, and Hans-Georg Gadamer played important roles in its development. Hermeneutics asks: How do we understand a text, a speech, a work of art, or even another person's behavior? From a hermeneutic point of view, the words themselves are not always enough to understand something. We also need to consider language, culture, historical time, the writer's situation, and even our own assumptions. Because of this, two people may understand the same text in different ways. Hermeneutics reminds us that understanding is not simply reading words; it also means entering the world of meaning behind what we are trying to understand.

Analytic Philosophy

A. Ludwig Wittgenstein; Philosopher of Language and Logic

Ludwig Wittgenstein was born in Vienna, Austria, in 1889, into one of the wealthiest families in Europe. His father was a successful industrialist, and the Wittgenstein family lived a very wealthy and comfortable life. However, as he grew older, Wittgenstein became less interested in wealth and aristocratic life and increasingly searched for a simpler and more intellectual way of living. He was first interested in engineering, mathematics, and science, and later turned toward logic and philosophy. His meeting with Bertrand Russell at the University of Cambridge had an important influence on his philosophical development.

Wittgenstein had an unusual relationship with wealth. After inheriting a very large fortune from his father, he gave a significant part of it anonymously to artists and writers in need in Austria. Among those who benefited from his financial support were Rainer Maria Rilke, Georg Trakl, Adolf Loos, and Oskar Kokoschka. Later, he also gave away almost all of the wealth that remained. He believed that intellectual and moral life was more important than possessing money. Therefore, the famous story that he gave his wealth to poor artists has a real basis, although it is more accurate to say that he gave away a large part of his fortune and later gave away almost all of what remained.

Wittgenstein's life was not limited to universities and academic circles. For a period, he decided to live a very simple life and distance himself from the university world. After World War I, he worked as an elementary school teacher in small villages in Austria. He taught children in the village of Trattenbach and later taught in other villages such as Puchberg and Otterthal. For a while, he also worked as a gardener at a monastery. He even tried to live anonymously in some situations and did not want people to treat him differently because of his family name or wealth.

This unusual way of life shows that Wittgenstein did not simply talk about philosophy; he tried to take philosophy seriously in the way he lived. For him, philosophy was not something that

existed only in books and universities. He wanted people to look more carefully at their lives, their thoughts, and their language.

Wittgenstein and the Problem of Language

Wittgenstein is one of the most important philosophers of analytic philosophy, and perhaps the central theme of his philosophy is the problem of language. In analytic philosophy, many philosophers tried to begin not with very broad and unclear questions about the universe, but with a closer examination of how language works. When we say "I know," "this object exists," "my mind," "reality," or "freedom," what exactly do we mean?

For this reason, in analytic philosophy, subjects such as the relationship between the subject and the object, the mind and the world, knowledge, truth, and reality become closely connected with the problem of language. An analytic philosopher may ask: Is our problem really about the world, or is part of the problem created by the way we talk about the world?

Wittgenstein believed that many philosophical problems arise because we use words and sentences in ways that we do not fully understand. A sentence may appear grammatically correct, but when we look more carefully at its meaning, we may discover that the question or problem is not actually clear or meaningful. Philosophy can therefore work as a kind of **analysis**: we examine sentences, words, and their uses to discover exactly where the problem lies.

For example, suppose someone asks, "What does the number seven smell like?" The sentence is grammatically correct, but the number seven is not the kind of thing that can have a smell. Therefore, before trying to answer such a question, we should first ask whether the question itself is meaningful. This kind of careful attention to language is one of the important characteristics of analytic philosophy.

Wittgenstein's First Period; Language, Logic, and Reality

Wittgenstein's philosophy is usually divided into two main periods. His first period is associated with his book **Tractatus Logico-Philosophicus**. During this period, he was deeply interested in the relationship between language, logic, thought, and reality. He tried to show how meaningful sentences can represent reality and how the logical structure of language is connected with the structure of the world.

In this period, logic has a very important role. Wittgenstein wanted to use careful analysis of the structure of sentences to show what can be said clearly and meaningfully. From this point of view, the purpose of philosophy is not always to create new theories about the world. Sometimes the task of philosophy is to use the analysis of language to show the boundary between meaningful statements and confused or unclear ones.

This is why Wittgenstein's famous sentence at the end of the **Tractatus Logico-Philosophicus** is so important: "Whereof one cannot speak, thereof one must be silent."

This does not mean that everything that is difficult to explain should simply be ignored. Rather, it expresses Wittgenstein's strong emphasis on the limits of language and the importance of clear expression.

Later, Wittgenstein reconsidered many of the ideas of his early philosophy and came to see that language was much more complicated than simply being a logical picture of the world.

Wittgenstein's Second Period; Everyday Language and Family Resemblance

In his second period, Wittgenstein paid much more attention to everyday language and to the way people actually use words. His most important work from this period is **Philosophical Investigations**.

During this period, he no longer searched for one fixed and universal structure underlying all language. He realized that words can have different uses in different situations. Therefore, to understand the meaning of a word, we should pay attention to how it is used in real life and in a particular situation.

For example, consider the word "game." Football, chess, ball games, children's games, and board games do not all have exactly the same characteristics. If we try to find one single feature that all of them share, we may not succeed. Nevertheless, we call all of them "games."

Wittgenstein described this kind of relationship through the important idea of **"family resemblance."** Just as members of a family may not share one single feature but may resemble one another in different ways, many things that are grouped under the same word may also resemble one another in different ways.

Therefore, to understand the meaning of a word, we do not always need to search for one fixed definition or one common characteristic. Sometimes we need to look at the situations in which people use the word and the purposes for which they use it.

This leads to another important idea in Wittgenstein's later philosophy: **"language games."** He showed that language is part of real human activities. We do not use language only to give information. We also use it to ask questions, give instructions, thank people, make jokes, tell stories, explain things, make promises, and perform many other activities. Therefore, the meaning of language should be understood through its actual use and through what Wittgenstein called our **"form of life."**

As a result, if Wittgenstein's first period is mainly associated with **logic, the structure of sentences, and the relationship between language and reality**, his second period is more closely associated with **everyday language, the use of words, language games, and family resemblance**.

Wittgenstein and the Vienna Circle

Wittgenstein had an important connection with the history of analytic philosophy and especially with the intellectual environment of the **Vienna Circle**, but one historical point is important: he was not an official member of the Vienna Circle. However, the members of the Vienna Circle were deeply interested in his **Tractatus Logico-Philosophicus**, and his ideas about logic, language, and the limits of meaningful expression influenced the development of analytic philosophy and the philosophy of science in the twentieth century.

Therefore, it is better not to describe the "Vienna Circle period" as an official period in Wittgenstein's own life. Instead, we can say that his early philosophy played an important role in the intellectual environment in which the Vienna Circle also developed its ideas.

The Final Years of His Life

Wittgenstein continued to think and write during the final years of his life. In 1949, he was diagnosed with prostate cancer. He received medical treatments, including hormone therapy and radiation, but during the final months of his life these treatments were stopped. He did not want to spend his final days in a hospital and stayed at the home of his doctor in Cambridge.

An important point is that, despite knowing that he was approaching death, Wittgenstein did not simply stop his philosophical work. During the final months of his life, he was able to return to writing with greater concentration, and a significant part of his notes for **On Certainty** was written during this period. He died in Cambridge on April 29, 1951.

Wittgenstein's life was, in many ways, connected with his philosophy. He turned away from wealth, taught children in small villages, worked for a time as a gardener, distanced himself from academic life, and continued his intellectual work while facing the final stage of his life. For him, philosophy was not simply a collection of theories; it was a way of seeing thoughts, language, and life more clearly.

In the end, Wittgenstein's importance to analytic philosophy can be expressed in one central idea: **sometimes, to solve a philosophical problem, we do not need to build a great theory about the world. We need to look more carefully at language. We need to examine how words are used, what sentences mean, and whether the problem we are thinking about is really a problem about the world or the result of confusion about language.**

From this point of view, Wittgenstein was one of the most important philosophers to show that the **analysis of language** can be a powerful way of clarifying philosophical problems.

B – Bertrand Russell: Philosopher, Logician, and Peace Activist

Bertrand Russell was born in England in 1872 and died in 1970. He was a philosopher, mathematician, logician, writer, and one of the most important figures in twentieth-century analytic philosophy. Russell grew up in a wealthy and well-known family, but he devoted much of his life to the study of philosophy, mathematics, and social issues. He believed that philosophy should be as clear, precise, and logical as possible and should help people avoid confusion in their thinking.

One of Russell's most important contributions was his attempt to connect philosophy, logic, and mathematics. Together with Alfred North Whitehead, he worked on the important book **Principia Mathematica**, in which they attempted to examine the logical foundations of mathematics. This work had a major influence on the development of modern logic and analytic philosophy. Russell also introduced **Russell's Paradox**, which showed that there could be deep logical problems even in the foundations of mathematics and set theory. This problem contributed to the further development of modern logic.

For Russell, logic was not only useful in mathematics; it was also a powerful tool for understanding philosophy. He believed that many philosophical problems arise because we do not clearly see the real structure of a sentence or an argument. Therefore, we should analyze sentences and arguments carefully and ask exactly what they say and whether a conclusion really follows from its premises. In this sense, **language analysis and logical analysis** are very important in Russell's philosophy.

Russell also raised important questions about **knowledge and epistemology**. He asked how human beings know something and how we can distinguish between what we actually know and what we merely imagine or believe. To explore these questions, he used experience, logic, and the analysis of language. For this reason, it is more accurate to say that Russell's epistemology is closely connected with logical and linguistic analysis rather than saying that his epistemology is simply the same as language analysis.

One important topic in philosophy is the relationship between the **subject and the object**; that is, the relationship between the person who knows and the thing that is known. Russell tried to clarify these problems by carefully examining concepts such as "mind," "object," "reality," "knowledge," and "experience." In analytic philosophy, such questions are often connected with another important question: What exactly do we mean when we use these words to describe the mind and the world, and what is their logical meaning?

Russell also defended a philosophical approach known as **logical atomism** during an important period of his career. He believed that many complex statements could be examined through logical analysis by breaking them down into simpler components and examining the relationships between them. In simple terms, just as we can understand a complicated problem by dividing it into smaller parts, philosophy can analyze a complex sentence or problem to make its logical structure clearer.

However, Russell was not only a philosopher and logician. He was also active in many social and political issues. During the First World War, he opposed the war and supported people who refused to participate in it for reasons of conscience. Because of his anti-war activities, he faced serious difficulties and was even imprisoned in 1918. Later, he became one of the important opponents of nuclear weapons. In 1955, together with Albert Einstein and a group of scientists and intellectuals, he played an important role in the **Russell–Einstein Manifesto**, which warned about the dangers of nuclear war and called on world leaders to find peaceful ways to resolve international conflicts.

In the later years of his life, Russell continued his social activism. He opposed the Vietnam War and spoke about peace, freedom, human rights, and human responsibility toward society. He believed that philosophers should not only discuss theoretical problems in books and universities but should also care about real problems affecting human beings. For this reason, Russell can be remembered both as an **analytic philosopher** and as a **peace and human rights activist**.

In 1950, Russell received the **Nobel Prize in Literature**. The Nobel Committee recognized his writings, particularly their humanitarian ideas and his defense of freedom of thought. This award shows that Russell's influence was not limited to philosophy and logic; his writings also had an important impact on social, political, and cultural discussions.

In conclusion, if we want to describe Russell's role in analytic philosophy in simple terms, we can say: **Russell showed that logic and careful analysis of language can be powerful tools for clarifying philosophical, scientific, and epistemological problems. He taught us that before accepting an argument, we should examine its structure and ask what our words, sentences, and conclusions actually mean. At the same time, his life showed that philosophical thinking can go beyond classrooms and books and can play an important role in defending peace, freedom, and human dignity.**

Existential Philosophy: Thinking About Life, Freedom, and Meaning

Existential philosophy developed mainly during the nineteenth and twentieth centuries, but after the Second World War it became one of the important intellectual movements in Europe. The painful experience of two world wars, the destruction of cities, the deaths of millions of people, displacement, fear, loneliness, and moral crises caused many people to face deep questions about human beings and the meaning of life. These experiences led philosophers to ask more seriously: If human beings are capable of creating such great violence and destruction, what is the meaning of life? How should a person live in a world filled with suffering and insecurity? Can we still believe in freedom, responsibility, and the future?

Existential philosophy focuses on questions that are directly connected to human life: Who am I? Why do I live? Am I free? How should I choose? And how can I give meaning to my life? Existential philosophers believed that human beings cannot be explained only through general laws about society or nature. Every person faces their own personal life, choices, fears, hopes, and responsibilities.

Existential philosophy also does not ignore the difficult experiences of human life. War, loneliness, failure, fear, death, and suffering are part of the human experience, and they cannot always be removed from life. After the Second World War, these issues became much more real and immediate for a new generation of Europeans. Many people lived with memories of war, the loss of family members, destroyed cities, and the collapse of older beliefs about progress and the future. In such circumstances, existential philosophy tried not to ignore these experiences but to face them directly.

The important question, however, is: **What does a person do in the face of such circumstances?** According to many existential philosophers, human beings give meaning to their lives, to a great extent, through their choices and the way they respond to life. Even in difficult circumstances, a person must make decisions about how to live and accept responsibility for those choices. For this reason, concepts such as **freedom, choice, responsibility, anxiety, loneliness, and meaning** became central to existential philosophy.

Of course, not all philosophers who were later described as "existentialists" had exactly the same beliefs. Kierkegaard, Nietzsche, Heidegger, and Sartre had important differences, and some of them did not even consider themselves existentialists. Nevertheless, they all seriously explored questions about human existence, choice, freedom, responsibility, anxiety, and the meaning of life. Especially after the Second World War, existential ideas became influential

among European intellectuals and ordinary people because many felt that philosophy needed to confront the difficult realities and real questions of human life.

Søren Kierkegaard: The Philosopher of Choice and Faith

Søren Kierkegaard was born in Copenhagen, Denmark, in 1813 and died in 1855. He was one of the first thinkers to place individual human life, personal choices, anxiety, faith, and responsibility at the center of philosophy. For this reason, he later became known as one of the most important pioneers of existential philosophy.

Kierkegaard grew up in a religious and relatively wealthy family. His relationship with his father, Michael Pedersen Kierkegaard, had a very strong influence on his life and thought. His father was deeply religious but was also troubled by feelings of guilt, fear, and deep anxiety. Kierkegaard was influenced from an early age by this religious environment and by difficulties within his family. The deaths of several members of his family and his complicated relationship with his father deepened his thoughts about guilt, suffering, anxiety, death, and the relationship between human beings and God.

One of the most important events in Kierkegaard's personal life was his relationship with **Regine Olsen**. He became engaged to Regine in 1840, but he broke off the engagement about a year later. The exact reason for his decision is not completely clear, but Kierkegaard felt that his intellectual and religious calling was not compatible with an ordinary family life. The separation was deeply painful for him, and Regine and this personal experience appeared directly or indirectly in many of his writings.

One of Kierkegaard's most important ideas was that human beings are constantly faced with **choice**. A person cannot always wait for a completely certain and ready-made answer. Sometimes we must make a decision while facing doubt, fear, and anxiety, and then accept responsibility for our choice. For Kierkegaard, a human being is not simply someone who collects information about the world; a human being is someone who must decide **how to live**.

Kierkegaard described the path of human life through **three stages, or three ways of living**: the aesthetic stage, the ethical stage, and the religious or faith stage. These should not be understood simply as three fixed steps that everyone must pass through in exactly the same way. Rather, they represent three different ways of living and responding to the fundamental questions of human existence.

1. The Aesthetic Stage

In the aesthetic stage, a person is mainly interested in pleasure, excitement, new experiences, and avoiding the boredom of everyday life. Such a person may try to enjoy the moment and avoid serious responsibilities. However, Kierkegaard believed that this way of living can eventually lead to emptiness, boredom, and despair because a person cannot live forever only for pleasure and entertainment.

2. The Ethical Stage

In the ethical stage, a person realizes that life is not only about personal pleasure and desires. A person must make choices, accept responsibility for those choices, and live according to certain principles. Commitment, responsibility, and duty become more important. The person no longer asks only, "What makes me happy?" but also asks, "What is the right thing to do, and what responsibility do I have for my choice?"

3. The Religious or Faith Stage

The third stage is the stage of faith. At this stage, a person faces the deepest questions of existence and their personal relationship with God. For Kierkegaard, faith is not simply accepting a number of religious beliefs. It is a personal and profound relationship with God that each individual must experience and choose for themselves.

Here we encounter an important concept in Kierkegaard's philosophy: the **"leap of faith."** This does not mean that a person should believe anything without thinking. Rather, Kierkegaard believed that in some of the most important questions of life, human beings cannot always make decisions through logical reasoning and complete certainty. Faith becomes important when a person faces something that cannot be proved completely like a mathematical problem, yet they still have to take a personal and existential position toward it.

This idea can be clearly seen in his famous book **Fear and Trembling**. In this book, Kierkegaard examines the biblical story of Abraham and his decision to sacrifice Isaac. His central concern is how an individual can maintain a personal relationship with God when facing a profound conflict involving morality and faith. Through this discussion, Kierkegaard shows that faith is not a simple or purely rational matter; it is a deep, personal, and existential experience.

Anxiety and Freedom

In Kierkegaard's philosophy, **anxiety and fear** are also very important. Human beings are free, but freedom means that we must make choices, and choosing can be frightening. When a person realizes that they are responsible for their own life, they can no longer place all the responsibility on other people or external circumstances. For this reason, anxiety is not simply a negative feeling for Kierkegaard. It can also be a sign that a person is facing their freedom and responsibility.

Kierkegaard's own life was closely connected with these questions. His relationship with his father, his family experiences, his engagement and separation from Regine Olsen, and his decision to dedicate his life mainly to philosophy and faith all influenced his thinking. He did not want to examine philosophical questions only as abstract theories; he tried to experience these questions in his own life.

In the end, Kierkegaard's importance lies in the way he brought philosophy closer to the **individual and personal life** of the human being. He asked: How should I live? How should I choose? What is my responsibility for my choices? When there is no completely certain answer, how should I make a decision? And what is my relationship with faith and God?

For this reason, Kierkegaard is considered one of the pioneers of existential philosophy. His main message can be expressed simply: **Human beings cannot always escape making**

choices. Every person must face freedom, anxiety, responsibility, and ultimately the question of what gives their life meaning.

Friedrich Nietzsche: The Philosopher of Creating Values and Living Authentically

Friedrich Nietzsche was born in Germany in 1844 and died in 1900. He was one of the most influential and controversial philosophers of the modern era. Nietzsche strongly challenged many traditional ideas of his time, especially ideas about morality, religion, and the meaning of life. He encouraged people not to spend their lives simply following ready-made values accepted by society, but to have the courage to question the values they had been taught.

Nietzsche believed that many people accept their values without questioning them. They receive ideas about what is good, bad, important, or unimportant from their families, society, traditions, and other people. For this reason, Nietzsche encouraged people not only to ask, "What do other people say?" but also to ask: **"What do I truly consider valuable, and how can I consciously create my own life?"** This is why individuality and authentic living became important ideas in his philosophy.

One of the most important concepts in Nietzsche's philosophy is the **"Will to Power."** By power, Nietzsche did not simply mean political power, wealth, or the use of force against other people. The idea refers more broadly to the inner drive to grow, create, overcome one's limitations, and become more than one currently is. Instead of simply accepting weakness and difficult circumstances, a person can try to change, develop their abilities, and create something new. In this sense, power can mean **the ability to grow, create, and shape one's own life**.

Nietzsche also strongly questioned traditional morality. He wanted to understand where the values that we call "good" and "bad" came from and how they affect human life. He believed that we should not accept a moral value simply because it is old or widely accepted. We should examine its origins and consequences and ask whether it really helps human beings grow and develop.

One of Nietzsche's most famous ideas is **"God is dead."** This statement is not simply a claim that God has physically died. Nietzsche was pointing to a major change in modern European culture: many people could no longer rely on traditional religious beliefs as an unquestioned foundation for morality and the meaning of life. This created a difficult problem for modern human beings. If traditional values are no longer certain, then how should we live, and where should we find or create new values?

This is where one of the major challenges in Nietzsche's philosophy appears. If people reject old values, they may experience **meaninglessness or nihilism**. Nietzsche did not want human beings to stop at this point. Instead of simply giving up, he encouraged people to become creative and develop new ways of valuing life. Human beings should actively participate in creating meaning rather than always waiting for a ready-made meaning from outside themselves.

Another famous concept in Nietzsche's philosophy is the **"Übermensch,"** often translated as the **"Overman"** or **"Higher Human Being."** This does not mean a person who is physically or politically superior to others, and it should not be confused with ideas of racial superiority.

The Übermensch represents a person who moves beyond a passive life of simply following the crowd. Such a person thinks independently, accepts responsibility for their life, and continually tries to overcome their own limitations. The goal is to actively shape oneself and one's values.

Another important idea is Nietzsche's **"Eternal Recurrence."** Nietzsche asks us to imagine that we would have to live our exact life again and again, including all its happiness, mistakes, suffering, and difficult moments. Would we still choose this life? This thought experiment can be understood as a test of how fully we accept our lives. Can we say "yes" to our life, even with all its difficulties?

This idea is closely connected with Nietzsche's emphasis on **affirming life**. Life is not only happiness, success, and pleasant experiences. Suffering, failure, loneliness, and difficulties are also parts of human existence. A strong person is not someone who never experiences difficulties. Instead, it is someone who can face difficulties, learn from them, and transform them into opportunities for growth and creativity. Nietzsche's philosophy therefore encourages what can be called **"saying yes to life."**

For this reason, Nietzsche's philosophy is not simply a message about "being strong." He asks human beings to **think for themselves, examine their values, take responsibility for their choices, and consciously create their lives**. His ideas later had a major influence on existential philosophy, because existential philosophers also focused on freedom, choice, responsibility, and the meaning of life.

Nietzsche's life and writing style were also unusual. He spent much of his life relatively isolated and outside the normal academic world. He wrote many of his important works in a highly personal and literary style. Instead of always using long academic arguments, he often used short statements, stories, metaphors, questions, and thought-provoking ideas. This style has made his works interesting not only to philosophers but also to ordinary readers.

During the final years of his life, Nietzsche suffered a severe mental and physical breakdown and was no longer able to continue his philosophical work. He died in Weimar, Germany, in 1900. After his death, his writings had a major influence on philosophy, literature, psychology, art, and twentieth-century culture.

In conclusion, Nietzsche's message can be expressed simply: **Life is not something we merely receive; we also have a role in creating it. We should not accept other people's values without thinking. We should have the courage to think for ourselves, face the difficulties of life, grow through our experiences, and consciously create our own path.**

Martin Heidegger: The Philosopher of Being and the Meaning of Existence

Martin Heidegger was born in Germany in 1889 and died in 1976. Unlike many modern philosophers, Heidegger was not mainly interested in the question, **"How do we know?"** or "How can we gain knowledge?" His deeper question was: **"What does it mean to be?"** For Heidegger, Western philosophy had focused too much on knowledge, the human knower, and the things we know. In doing so, it had gradually forgotten the more basic question of **Being or existence**. Heidegger's main goal was therefore to bring the question of Being back to the center of philosophy.

Heidegger made an important distinction between **Being** and **beings**. A human being, a tree, a table, a stone, or even an idea can be called a "being"—something that exists. But **Being itself is not another object or thing**. The question of Being asks what it means for anything to exist at all. Heidegger believed that Western philosophy had gradually forgotten this difference and had become more interested in particular things and their properties than in the deeper question of Being.

He connected this problem with the long history of Western philosophy. He paid particular attention to the philosophy of **Plato and Aristotle** and to the development of Western metaphysics. However, it would be too simple to say that "Plato and Aristotle forgot Being." Heidegger's idea was more complicated. He believed that throughout the history of Western philosophy, the question of Being gradually became a question about the **nature and characteristics of beings**. This development continued in new forms during modern philosophy.

This problem became especially important in the modern period with the rise of the idea of the **subject**. Beginning especially with René Descartes, the knowing human being, or **subject**, became central to philosophy, while the world was increasingly understood as a collection of **objects** that could be known. In this picture, the human being appears like an independent mind standing in front of a world of objects and trying to understand them. Heidegger believed that this picture does not fully describe our real relationship with the world.

For Heidegger, a human being is not first an isolated mind that later develops a relationship with the world. From the beginning, we are already **living in the world**. We live with other people, work, use tools, make plans, remember the past, and think about the future. Our relationship with the world is therefore not simply a relationship between a "subject" and an "object." Before we look at the world as scientists or observers, we are already **involved in it and living in it**.

Heidegger used the special word **Dasein** to describe human existence. In simple terms, Dasein can be understood as **"being in the world."** Dasein is a being that does not simply exist; it can also ask questions about its own existence. A human being can ask: "Who am I?" "How should I live?" "What will my future be?" and "What does my existence mean?"

For this reason, **time** is extremely important in Heidegger's philosophy. Human beings have a past, live in the present, and constantly think about the future. We also know that our lives are limited and that we will eventually die. Therefore, **death** is not simply the physical end of life for Heidegger. Awareness of death reminds us that our time is limited and can make us ask: **"Am I really living my own life?"**

Heidegger also thought deeply about everyday life and the influence of other people. We can become so involved in our routines, work, entertainment, and the opinions of others that we stop thinking about our own existence. We may simply do what "everyone else" does and want what "everyone else" wants. Heidegger described this situation with the concept of **das Man**, which can be understood simply as **"the They"**—the way people generally think, behave, and live.

When we live entirely according to what "people" expect, we can gradually become **alienated from ourselves**. Instead of making our own choices, we allow habits, society, and the expectations of others to decide how we live. One of Heidegger's important questions is

therefore: **"Am I really living my own life, or am I simply living the way other people expect me to live?"**

In his later philosophy, Heidegger also connected these ideas with **modern science and technology**. He did not simply say that technology is bad or that we should reject it. His concern was that modern human beings might begin to see everything mainly in terms of **use, control, measurement, and efficiency**. Nature, objects, and even human beings can be treated simply as resources or tools for achieving other goals.

When everything is seen only as something useful, we may move even further away from the deeper question of Being. We may forget to ask what it means for something to exist. For Heidegger, this forgetfulness is one of the major problems of the modern world and is connected with the problem of **nihilism**, the feeling that life and existence have no deeper meaning.

Heidegger's answer was not simply to create another theory about Being. Instead, he wanted us to **bring the question of Being back to life**. His philosophy can therefore be understood as an attempt to move our attention away from thinking only about **beings** and back toward the deeper question of **Being**.

We can understand this idea with a simple image: **Being is like our home, but modern human beings have become so busy knowing, measuring, controlling, and using things that they have forgotten their own home.** Returning to Being means becoming aware again of how we exist in the world, what meaning we give to our lives, and how we relate to the world and to other people.

In conclusion, Heidegger's philosophy can be understood as an attempt to **return from "beings" to "Being."** He wanted philosophy to ask again the basic question that, in his view, had gradually been forgotten: **"What does it mean to be?"** For Heidegger, human beings can live a deeper and more authentic life when they step away from living only by habit, become aware of the pressure of "the They," and pay closer attention to **Being, time, death, choice, and the meaning of their own existence**.

Jean-Paul Sartre: The Philosopher of Freedom and Responsibility

Jean-Paul Sartre was born in France in 1905 and died in 1980. He was a philosopher, writer, and active public intellectual. He is considered one of the most famous figures in twentieth-century existential philosophy. Sartre believed that human beings have freedom in many important situations in life, and this freedom brings a great responsibility.

Sartre's famous statement is: **"Man is condemned to be free."** He did not mean that freedom is something bad. He meant that human beings cannot completely escape making choices and taking responsibility for those choices. Even when we decide not to do something, that decision can itself be a choice. Therefore, we have to accept that we play an important role in shaping our own lives.

Sartre also believed that human life does not come with a fixed and ready-made meaning. **We give meaning to our lives through our choices and actions.** For example, if someone wants

to be brave, honest, kind, or responsible, simply saying these words is not enough. They must show these qualities through their real choices and behavior. In this way, we partly create who we are through what we do.

For Sartre, **freedom and responsibility are closely connected**. If I am free to choose, I must also take responsibility for my choices. I cannot always blame other people, society, or circumstances for my decisions. Of course, our circumstances can limit our choices, but Sartre believed that we still have to decide how we will respond to those circumstances.

In simple terms, Sartre's message is: **We are not only what happens to us; we also become who we are through our choices and actions. Freedom gives us the power to choose, and that freedom also gives us the responsibility to shape our own lives.**

Summary of Existential Philosophy

Existential philosophy is not one completely unified school of thought. Different existential thinkers focused on different questions. **Kierkegaard** emphasized faith and personal choice, **Nietzsche** focused on creating values and saying "yes" to life, **Heidegger** explored Being, time, and authentic existence, and **Sartre** focused on freedom, choice, and responsibility.

However, many of them shared an important question: **"What does a human being do with the life they have been given?"**

A simple lesson that a teenager today can take from existential philosophy is this: **Life is not always easy, perfect, or predictable. But we can think about how we want to live, make choices, take responsibility for our actions, and search for meaning in our lives.**

Existential philosophy does not give us a ready-made formula for how to live. Instead, it invites each person to face an important question with courage:

"How do I want to live?"

Postmodern Philosophy: Questioning Truth, Language, Power, and Individual Experience

Postmodern philosophy became especially influential in the second half of the twentieth century, particularly during the 1960s and 1970s, first in France and later in other countries. It developed partly as a response to the idea that there could be **one complete and final explanation** of history, society, humanity, and truth.

Postmodern thinkers questioned what are often called **"grand narratives"**—large theories that claim to explain the whole of human history or society through one general idea. They asked: Can one story really explain the experiences of all people? Who created this story? Whose experiences are included, and whose are left out?

One important feature of postmodern philosophy is its attention to **the individual and differences between people**. Instead of beginning with a single idea of humanity, a nation, a religious community, or society as one unified whole, postmodern thinkers often pay attention to the experiences and identities of different individuals and smaller groups. In this view, people do not always have the same experiences, needs, or understanding of the world. Therefore, we should be careful when one general idea claims to speak for everyone.

Language and Meaning

Language is another important subject in postmodern philosophy. Postmodern thinkers argue that the meaning of words is not always as simple and fixed as we might think. A word can have different meanings in different cultures, historical periods, or situations.

For example, consider the word **"freedom."** Freedom may mean different things to a political philosopher, a teenager, a government, or a person living under very different social conditions. Therefore, we should pay attention to the language, context, and situation in which a word or statement is used.

Different Experiences and Perspectives

Postmodern thinkers also emphasize that people see the world from different perspectives. Something that seems natural or obvious to one culture or group may seem very different to another. This does not necessarily mean that there is no truth. Rather, it encourages us to ask whether our own point of view is only **one perspective among several possible perspectives**.

Power and Knowledge

Another important issue is the relationship between **power and knowledge**. Some postmodern thinkers, especially Michel Foucault, asked: Who decides what is considered "normal," "scientific," "healthy," "acceptable," or "unacceptable"? They examined how institutions such as governments, schools, hospitals, media, and other social organizations can influence the way people think and understand the world.

The main lesson of postmodern philosophy is therefore not simply that **"everything is false"** or that truth does not exist. Rather, it encourages us to question ideas that are presented as completely certain, universal, and unquestionable. It reminds us to ask **who is speaking, from what position, in what historical and cultural context, and whose voice may have been left unheard**.

Jean-François Lyotard: Questioning Grand Narratives

Jean-François Lyotard was one of the important thinkers of postmodern philosophy. He became especially famous for his idea of **"grand narratives"** or **"grand stories."** By this, he meant large theories that try to give one general and final explanation of human history, progress, science, or society.

For example, an idea might claim that human history always moves toward greater progress, or that one theory can explain the development of all societies. Lyotard believed that we should

be careful about such claims. A single story may explain part of human experience, but it may also ignore the experiences of many individuals and groups. He therefore encouraged us to listen to **many different voices, experiences, and points of view** rather than believing that one explanation can speak for everyone.

Jacques Derrida: Language, Difference, and Deconstruction

Jacques Derrida was another important postmodern thinker who focused strongly on **language and texts**. He argued that the meaning of a text is not always simple, fixed, or limited to one final interpretation. The words we use can have different meanings depending on their context and their relationship with other words.

Derrida became famous for a method called **deconstruction**. Deconstruction does not simply mean destroying a text. Instead, it means looking closely at a text or an idea and asking questions such as: What assumptions are hidden inside it? What ideas does it take for granted? Does the text contain tensions or contradictions? Are there meanings that are not immediately obvious?

In this way, Derrida showed that even a text that seems clear and simple can contain different possibilities of meaning. His philosophy encourages us to **read carefully, question assumptions, and avoid believing that every text has only one final meaning**.

Michel Foucault: Power, Knowledge, and Society

Michel Foucault was one of the most famous and influential thinkers of the twentieth century. Much of his work examined the relationship between **power and knowledge**. He asked an important question: Who decides what is considered normal, abnormal, true, false, healthy, unhealthy, acceptable, or unacceptable?

Foucault studied institutions such as **schools, hospitals, prisons, and government organizations**. He argued that these institutions do more than provide services or enforce rules. They can also influence how people think about themselves and about other people.

For Foucault, power does not exist only in the hands of a government, a king, or one powerful person. **Power can also exist in everyday relationships, social rules, institutions, and even in the language we use to describe people.** For example, when society decides that one type of behavior is “normal” and another is “abnormal,” this classification can affect how people understand themselves and how others treat them.

Foucault therefore encouraged us to look more carefully at the connection between **knowledge and power**. What we call knowledge is often produced and organized within particular social and historical conditions. His main lesson is not that all knowledge is false, but that we should ask: **Who created this knowledge? Who has the authority to define what is true or normal? And how does this knowledge affect people's lives?**

Together, Lyotard, Derrida, and Foucault show three important sides of postmodern thought: **Lyotard questions grand explanations, Derrida questions fixed meanings in language, and Foucault examines the relationship between knowledge and power.**

Pragmatism: A Philosophy That Asks, "What Does This Idea Do in Practice?"

Pragmatism is one of the most important philosophical traditions to develop in the United States. It emerged in the late nineteenth and early twentieth centuries. Instead of focusing only on highly abstract ideas, pragmatist philosophers asked: **"What happens when an idea is put into practice?"** They believed that an idea becomes more valuable when it helps us understand the world, solve problems, or improve our lives. Therefore, philosophy should not remain only in books and theoretical discussions; it should also be connected to real experience and everyday life.

What Is Pragmatism?

Pragmatism says that to understand the value of an idea, we should **look at its results in practice and experience**. If a method works well in real life, we can continue to use it. If it does not work, we should examine it again and make changes.

For example, imagine that we want to find the best way to learn a subject. Instead of only discussing theories about the best learning method, we can try several different methods and see which one actually helps us learn better.

Therefore, **experience, action, testing, and continuous improvement** are very important in pragmatism. This philosophy reminds us that an idea should not be judged only by words and theories; we should also ask **what it can actually do in the real world.**

Charles Sanders Peirce: The Founder of Pragmatism

Charles Sanders Peirce was one of the main founders of pragmatism. He believed that to understand the meaning of an idea, we should ask what practical difference it would make if we accepted it. In simple words, when we discuss an idea, we should ask: **"If this idea is true, what difference will it make in real life?"** Peirce also placed great importance on scientific thinking and careful investigation. He believed that we should be ready to examine our beliefs using evidence and experience and change them when necessary.

William James: Pragmatism and Human Life

William James was one of the best-known pragmatist philosophers. He was also interested in psychology and paid close attention to people's real experiences. James believed that we can partly understand the value of a belief by looking at its effects on our lives. A belief may help a person deal with problems and make better choices in real situations. However, James did not mean that **"whatever makes us happy must be true."** His point was that we should look at the real effects of our beliefs and examine them through experience.

John Dewey: Philosophy, Education, and Learning

John Dewey connected pragmatism with education and everyday social life. He believed that learning is not just about memorizing information. We learn by **doing, experiencing, asking questions, and solving problems**.

For Dewey, school should not be only a place where students sit, listen, and memorize information. It should be a place where students can think, try new things, work with others, and learn from their experiences.

For example, if students want to understand how a bridge works, simply reading the definition of a bridge is not enough. They could build a small model, see why it fails, find the problem, and try again. Through this process, they can understand the idea much more deeply.

Important Features of Pragmatism

Pragmatism emphasizes several important ideas: **experience is important; thinking should be connected with action; ideas should be tested in real life; when something does not work, we should try to improve it; and learning is a continuous process.**

In simple terms, pragmatism teaches us: **Think, try, learn from the results, and improve.**

Hermeneutics: The Art of Understanding and Interpretation

Hermeneutics, in simple terms, means the **art and philosophy of understanding and interpretation**. In the beginning, hermeneutics was mainly used to understand texts, especially religious and historical texts. Later, it became much broader and was also connected to literature, history, philosophy, and even the understanding of human behavior and life. Hermeneutics does not only ask, **"What is written here?"** It also asks, **"What does this mean, and how can we understand it better?"**

For example, imagine that two students read the same story. One may think the story is sad, while the other may find it interesting or even hopeful. Why? Because they have different experiences, feelings, knowledge, and ways of looking at the world. Therefore, understanding a text is not only about its words; **the text is important, but the person who reads it is important too.**

Hermeneutics also pays attention to **context and circumstances**. To understand a text better, we may need to know who wrote it, when it was written, what was happening in society at that time, and what certain words meant in that period. For example, a word may have a different meaning today from the meaning it had hundreds of years ago. Understanding these conditions can help us interpret a text more carefully.

Hermeneutics also points out that sometimes we need to understand **the whole text in order to understand one part**, and we need to understand the different parts in order to understand the whole text. For example, if one sentence in a story is difficult to understand, reading the

rest of the story may make its meaning clearer. Then, understanding that sentence may help us understand the whole story better. In this way, understanding is often a process of moving back and forth between the parts and the whole.

The History of Hermeneutics

Hermeneutics has very old roots. In **ancient Greece and Rome**, people were already interested in interpreting speeches, poems, laws, and important writings. Later, during the **Middle Ages**, one of the main uses of hermeneutics was the interpretation of the Bible. Scholars tried to understand the exact meaning of the texts, the intentions of the writers, and the circumstances in which the texts were written.

During the **Renaissance and the modern period**, hermeneutics was no longer limited to religious texts. It was also used to understand **literature, history, and philosophical writings**. In the nineteenth century, thinkers such as **Schleiermacher and Dilthey** tried to develop hermeneutics into a more general method for understanding writings and human expressions.

In the twentieth century, philosophers such as **Heidegger and Gadamer** gave hermeneutics a deeper philosophical meaning. The question was no longer only **"How should we interpret a text?"** A larger question appeared: **"How do human beings understand the world, other people, and their own lives?"**

In this way, hermeneutics gradually developed from a method for **interpreting texts** into a broader philosophical approach to **human understanding and the meaning of life**.

Friedrich Schleiermacher: Understanding the Language and Mind of the Author

Friedrich Schleiermacher lived in Germany in the nineteenth century and was one of the founders of modern hermeneutics. He believed that to understand a text correctly, we should pay attention both to **the language and structure of the text** and to the author's thoughts and intentions. In his view, the interpreter should try to understand the text almost as if they were in the author's place. For example, if a friend writes to us, "What a wonderful day!", we should not look only at the words. We should also think about the situation and what the friend really means. Maybe they are truly happy, or perhaps they are using humor or sarcasm. Therefore, for Schleiermacher, understanding a text means trying to understand **both the language and the author's inner world**.

Wilhelm Dilthey: Understanding Human Life and Experience

Wilhelm Dilthey was a German philosopher and historian who connected hermeneutics with **history and human life**. He believed that to understand human works, we should not look only at their appearance. We should also consider the experiences and historical conditions of the people who created them. For example, if a writer describes a war, we can understand the writing better if we know when the writer lived, what they saw, and what they experienced. In this way, understanding a work also means understanding something about **the life and world in which it was created**.

Martin Heidegger: Hermeneutics and Understanding Human Existence

Heidegger took hermeneutics beyond the interpretation of texts. For him, understanding is not something we do only when we read a book. **Human beings are always trying to understand and interpret the world around them.** We understand new events through our previous experiences, knowledge, and ideas. For example, two people may see the same event but understand it differently because each person sees the world through their own experiences. Therefore, hermeneutics became a deeper philosophical question for Heidegger: **How do human beings understand the world and themselves?**

Hans-Georg Gadamer: Understanding as a Conversation

Hans-Georg Gadamer developed philosophical hermeneutics further in the twentieth century. He believed that we never approach a text with a completely empty mind. We always bring our **experiences, knowledge, and previous ideas** with us. For this reason, understanding a text is like a conversation. On one side, we pay attention to the text and the author; on the other side, we bring our own questions and experiences. During this conversation, the text may change the way we think, and we may discover something new.

For example, we might read a story as a child and understand it in one way. Years later, when we have more experience, we may read the same story again and **find a new meaning in it**. For Gadamer, this change in understanding is natural because we also change throughout our lives. As our experiences grow, we may see the same world in new ways.

In short, these four thinkers helped develop hermeneutics from a simple method of interpreting texts into a broader way of understanding human beings and the world: Schleiermacher emphasized language and the author's mind, Dilthey focused on life and historical circumstances, Heidegger focused on human understanding and existence, and Gadamer emphasized the conversation between the text and the reader's experience.

Chapter 5: Philosophy of Science

Scientific Explanation of the World

The Modern Era and the Scientific Explanation of the World

Human beings have always tried to understand and explain the world around them. However, the way people explain the world has changed throughout history.

1. Mythological Explanation – Ancient Times

In very ancient times, people mainly explained the world through **stories, myths, and supernatural forces**.

For example, they might have believed that thunder and lightning were caused by gods, or that illness was the result of angry spirits. These explanations were mostly based on traditional stories and beliefs rather than scientific observation and experiment.

2. Philosophical Explanation – Ancient Greece

In ancient Greece, philosophers began to ask a new question: **"Can we understand the world through reason and thinking?"**

Instead of explaining everything through myths, they tried to understand nature, change, and the different parts of the universe through **reason, observation, and logical thinking**. This was an important step from mythological explanations toward rational explanations of the world.

3. The Beginning of Scientific Explanation – The Renaissance and the Modern Era

During the Renaissance and the beginning of the modern era, people placed greater importance on **observation, measurement, mathematics, and experiment**.

Scientists began to believe that we should not accept an explanation simply because it is old or because important people have accepted it. We should observe nature, test our ideas, and look for evidence to support our beliefs.

4. The Role of Newton

Isaac Newton was one of the most important figures in the history of modern science. He developed important laws of **motion and gravity** and showed that many natural events could be explained through mathematical laws.

Newton's work helped create the idea that nature has regular patterns and laws that human beings can discover and describe. These laws could explain everything from the movement of objects on Earth to the movement of planets.

The Growth of Science and Industry in the Modern Era

Thinkers such as **Francis Bacon and René Descartes** also played important roles in the development of modern scientific thinking.

Bacon: He emphasized observation and experiment. In simple terms, he believed that we should examine and test things and learn from experience rather than simply trusting old beliefs.

Descartes: He emphasized **reason, clear thinking, and mathematics** as important tools for understanding the world.

Physics: Newton explained important laws of motion and gravity. Centuries later, **Albert Einstein**, through his theories of relativity, changed our understanding of space, time, gravity, and energy.

Medicine: Scientific research led to a better understanding of diseases and microorganisms and brought major advances in vaccines, treatments, and surgery.

Industry: The invention of the **steam engine and new machines** helped bring about the Industrial Revolution. Factories expanded, cities grew, and the production of goods increased rapidly.

Scientific Explanation: One Important Way of Understanding the World

Scientific explanation is one of the **important and powerful ways of understanding and explaining the world**. It exists alongside other approaches, such as **philosophical, religious, mythological, and mystical explanations**. Each of these approaches asks important questions about the world and human life, but they use different methods to answer them.

Scientific explanation is mainly based on **observation, evidence, measurement, experiment, and testing**. A scientist does not accept an idea simply because it sounds convincing. Instead, scientists try to find evidence for it, test it, and compare it with what they observe in nature. If the evidence does not support an explanation, scientists may need to revise or improve it.

Science tries to answer many important questions about the universe and life. For example, modern **cosmology** uses the **Big Bang theory** to explain the early state and expansion of the universe. According to this theory, the universe was once in an extremely hot and dense state and has been expanding ever since.

Biology, especially evolutionary biology, explains how living things have changed over very long periods of time and how the great diversity of life developed. **Charles Darwin** played an important role in developing the theory of evolution through natural selection. Evolution explains how populations of living organisms change over generations and how different forms of life have developed.

Physics and chemistry also help explain the world at different levels. Physics studies many aspects of **matter, energy, forces, motion, stars, and planets**. Chemistry helps us understand the structure and behavior of **atoms and molecules** and how different substances interact and change.

Therefore, scientific explanation has become one of the **strong and influential ways of explaining reality**, alongside philosophical, religious, mythological, and mystical explanations. Its important feature is its reliance on **evidence, observation, measurement, and testing**.

In simple terms, science asks:

"What can we observe? How can we test it? And what evidence supports this explanation?"

Because of this approach, science has made many parts of the natural world understandable to human beings and has greatly changed the way we see the **universe, life, and our place in nature**.

Simple Summary

We can understand this development in a simple way:

First, people mainly explained the world through myths and stories. Then philosophers tried to understand it through reason and logical thinking. Finally, in the modern era, science became one of the most important ways of understanding the world through observation, measurement, and experiment.

However, scientific explanation is **not the only type of explanation**. Alongside science, **philosophy, religion, mythology, and mysticism** each ask questions about the world and human life from different points of view.

Philosophy of Science

After the growth of modern science, some philosophers began to ask new questions: **"What is science? What makes a statement scientific? And how can we know whether a scientific claim is correct?"** One of the first important groups to focus on these questions was the **Vienna Circle**. They tried to understand the nature of science and to find clear standards for scientific statements and scientific knowledge.

The Vienna Circle: A Group of Philosophers and Supporters of Science

The Vienna Circle was a group of philosophers, scientists, and mathematicians who began meeting in Vienna, Austria, around the 1920s. Their main goal was to understand **what science is and how scientific knowledge should be developed**. They wanted philosophy to become clearer and to have a closer connection with science, logic, and mathematics.

Important members included **Rudolf Carnap**, a philosopher who worked on logic and scientific language; **Moritz Schlick**, one of the main intellectual leaders of the Vienna Circle; **Otto Neurath**, a philosopher and sociologist; and **Herbert Feigl**, a philosopher of science. Other thinkers were also connected with the Vienna Circle and its intellectual environment. **Kurt Gödel**, the famous mathematician and logician, was closely connected with this intellectual environment, although he was not a regular official member of the Vienna Circle.

The main idea of the Vienna Circle was that scientific thinking should be **clear, logical, and connected to experience**. They placed great importance on statements that could be examined and tested through observation and experience. For example, the statement **"The Earth moves around the Sun"** is a scientific statement because it can be investigated using scientific methods. Similarly, the statement **"Light travels at a constant speed in a vacuum"** can be scientifically tested. However, a statement such as **"The soul has no weight"** cannot be tested scientifically in the same clear way. Therefore, one important question was: **"How can this statement be checked or tested?"**

The Vienna Circle emphasized several important ideas: **clear definitions of scientific concepts, the importance of logic and mathematics, observation and experiment, careful attention to scientific language, and a close relationship between philosophy and science.** Their ideas had a major influence on the development of **twentieth-century philosophy of science** and also influenced discussions in physics, chemistry, psychology, and other sciences.

In the 1930s, with the rise of **Nazism and increasing political and intellectual pressure in Europe**, life became difficult for many members and associates of the Vienna Circle. Several of them left Austria and moved to other countries, especially the United States and Britain. As a result, the ideas of the Vienna Circle spread to universities and scientific communities in other countries and continued to influence the philosophy of science.

Simple Summary: The Vienna Circle was a group of thinkers who asked: **"What makes a statement scientific?"** They emphasized **logic, clarity, observation, experience, and testing**. Their work helped make science itself an important subject of philosophy and played an important role in the development of **modern philosophy of science**.

Karl Popper and Falsification

After the Vienna Circle, another important philosopher of science appeared: **Karl Popper**. He believed that the Vienna Circle's idea was not complete. In his view, saying that a statement is scientific simply because we can find evidence to support it is not enough. We may find many examples that seem to support a theory, but this does not prove that the theory is always true.

Popper's main idea was **falsification**. He argued that a scientific theory should be **testable and capable of being shown to be wrong**. In other words, we should be able to imagine an observation or experiment that could prove the theory false. A theory that cannot possibly be tested or rejected is not scientific in Popper's sense.

A simple example is the statement: **"All swans are white."** We may see hundreds of white swans, and all of them support the statement. But they cannot prove that every swan in the world is white. If we find just **one black swan**, however, the statement "All swans are white" is shown to be false. This is why Popper believed that a good scientific theory should take a risk: it should make predictions that can be tested and could possibly prove the theory wrong.

The difference between the Vienna Circle and Popper can therefore be explained simply. The **Vienna Circle** emphasized observation, experience, and verification, while **Popper** emphasized testing and the possibility of falsification. Popper did not say that supporting

evidence is useless. He simply argued that evidence can support a theory without proving it permanently. A theory remains open to testing and possible correction.

This idea became important because it gave scientists a useful way to think about scientific theories. For example, **Newton's theories of motion and gravity** and **Einstein's theories of relativity** make predictions that can be tested through observation and experiment. If reliable experiments had seriously contradicted their predictions, scientists would have had to reconsider those theories.

So, for Popper, one of the most important questions about a scientific theory is: **"What could show that this theory is wrong?"** In simple terms, **falsification** means that science moves forward by testing ideas in ways that could reveal their mistakes. This allows scientific knowledge to be corrected, improved, and developed over time.

Imre Lakatos – Science as a Research Programme

Imre Lakatos tried to build a bridge between **Karl Popper** and later philosophers of science. Popper emphasized that scientific theories should be open to testing and falsification. Lakatos agreed with this idea, but he believed that science is more complicated than simply rejecting a theory after one failed experiment. In real science, scientists often continue working on a theory, especially when they believe it still has the power to explain things and make new predictions.

Lakatos said that science develops through **research programmes**, not simply through one theory at a time. A research programme is like a larger scientific project that can continue for many years. It has two important parts. The first is the **hard core**. This is the central part of the programme that scientists strongly believe in and do not easily give up. The second is the **protective belt**, which contains additional ideas and explanations that can be changed when new evidence creates problems.

For example, if an experiment does not agree with a scientific prediction, scientists do not always immediately reject the main theory. They may first check the equipment, the conditions of the experiment, or some of the additional assumptions around the theory. In this way, science can develop by changing and improving the parts around a central idea.

Lakatos also asked whether a research programme is **progressive or degenerating**. A **progressive research programme** makes new predictions and successfully explains new observations. A **degenerating research programme**, on the other hand, mainly tries to explain away problems after they appear and does not produce new, successful predictions.

Therefore, for Lakatos, an important sign of good science is not simply that a theory survives criticism. A good research programme should **lead to new ideas, new predictions, and new discoveries**. His view helps us understand why scientists do not usually throw away a scientific theory after the first problem. Science is more like a large building that is constantly being tested, repaired, and improved than a building that must be completely destroyed and rebuilt every time something goes wrong.

Paul Feyerabend – Freedom and Diversity in Science

Paul Feyerabend was an Austrian philosopher of science who was born in 1924 and died in 1994. He was interested in an important question: **"What is science, and how does it really work?"** Unlike philosophers who tried to find one fixed method for all scientific research, Feyerabend believed that science is much more complex and creative.

Feyerabend criticized the idea that there is **one single method that all scientists must always follow**. He argued that the history of science shows that scientists have often used different methods, changed their ideas, and even broken accepted rules when trying to discover something new. For this reason, he believed that scientific methods should be **open, flexible, and diverse**. His famous slogan, **"Anything goes,"** was meant to express this freedom. He did not simply mean that every idea is automatically correct. Rather, he wanted to show that scientific progress should not be limited by one rigid method.

Feyerabend also believed that science does not always move forward in a simple way, such as making a theory, testing it, and immediately rejecting it if it fails. The history of science is much more complicated. New ideas can sometimes begin as strange or unpopular ideas and later become important. Scientists may use different approaches depending on the problem they are trying to solve.

For Feyerabend, science is not just a collection of **strict and fixed rules**. It is also a human activity influenced by history, culture, society, and human creativity. This does not mean that scientific knowledge has no value or that all ideas are equally true. Instead, Feyerabend reminds us that science has developed through many different paths and that **freedom, creativity, and diversity can play an important role in scientific progress**.

Instrumentalism

Instrumentalism is a view in the philosophy of science that sees a scientific theory as a **tool**. A theory helps us understand, explain, and predict events in the world. From this point of view, a theory does not necessarily have to give us a final or completely accurate picture of the deeper reality of the universe. What matters is how useful the theory is and how well it helps us make accurate predictions.

For example, **Newton's theory of motion and gravity** was an extremely useful tool for understanding and predicting the movement of objects and planets. Later, Einstein's theory of relativity provided a more accurate explanation of gravity in some situations. An instrumentalist can say that the important question is not simply which theory gives us the final truth, but **how well each theory works for a particular purpose**.

A simple way to understand instrumentalism is to think of a scientific theory as a **map**. A map helps us find our way, but it does not show every single detail of a city. In the same way, a

scientific theory can be a very useful tool for understanding and predicting phenomena without necessarily showing us every part of reality.

Instrumentalism is closely connected with **pragmatism**, especially the idea that knowledge should be useful in experience and practice. Thinkers such as **John Dewey** emphasized the importance of experience, action, and practical results. Later, instrumentalism became an important position in the philosophy of science and raised an interesting question: **Are scientific theories simply useful tools, or do they also describe the real structure of the world?**

Scientific Errors and Getting Closer to Truth

Mistakes and errors are a natural part of science and human learning. **Science does not mean having complete certainty or final answers.** Instead, it is a form of knowledge that people gradually improve through observation, experiments, discussion, criticism, and correction. A scientific theory may be the best explanation available today, but new evidence may lead scientists to improve it or replace it with a more accurate theory in the future.

Science is also a **shared human heritage**. No scientist starts from zero. Each generation of scientists learns from the discoveries, experiences, and even mistakes of earlier generations. In this way, scientific progress is the result of the combined efforts of many people over a long period of time.

For example, in medicine, many older methods are no longer accepted because new research has shown that better and more effective methods are available. Through experiments, careful observation, and correction of mistakes, scientists have improved the ways diseases are diagnosed and treated.

Therefore, **science does not claim absolute certainty**. Its strength comes from evidence, observation, testing, and critical thinking, as well as its willingness to correct itself. Scientific theories are tools for helping us understand the world, and we use them as long as they provide the best available explanations and evidence. Science is not a fixed and finished body of knowledge; it is a **dynamic and shared human process through which people work together to develop a better understanding of the world and move closer to truth.**

Key Philosophy Terms for Kids

1. Empiricism

Main idea: We learn about the world through our senses and direct experience.

Simple example: You touch snow and discover that it is cold, or you taste an apple and learn what it tastes like. You learn these things through experience.

Famous philosophers: John Locke, David Hume

2. Idealism

Main idea: The mind, ideas, and thoughts play a central role in understanding reality.

Simple example: A child may imagine a castle in their mind before building it with LEGO.

Famous philosophers: Plato, George Berkeley

3. Modern Philosophy

Time period: Around the 16th to the 19th centuries.

Focus: Science, experience, logic, and understanding human beings and the world.

Simple example: Asking, "Why is the sky blue?" and trying to answer the question through science and observation.

Famous philosophers: René Descartes, Francis Bacon, Baruch Spinoza, Immanuel Kant

4. Medieval Philosophy

Time period: Around the 5th to the 15th centuries.

Focus: The relationship between philosophy and religion.

Simple example: Asking, "Why did God create the world?" and thinking carefully about possible answers.

Famous philosophers: Augustine, Thomas Aquinas

5. Existentialism

Main idea: Life involves choice, freedom, responsibility, and the search for meaning.

Simple example: A child decides whether to be a good friend and accepts responsibility for that choice.

Famous philosophers: Søren Kierkegaard, Friedrich Nietzsche, Jean-Paul Sartre, Martin Heidegger

6. Analytical Philosophy

Main idea: Logic, clarity, and the careful analysis of words and ideas are very important.

Simple example: Solving a puzzle or a mathematics problem step by step and thinking carefully about each part.

Famous philosophers: Bertrand Russell, Ludwig Wittgenstein

7. Postmodernism

Main idea: Postmodern thinkers question the idea that there is always one single, absolute, and unchanging truth.

Simple example: Two people may understand the same story in different ways because they have different experiences and perspectives.

Famous philosophers: Jean-François Lyotard, Jacques Derrida, Michel Foucault

8. Pragmatism

Main idea: Action, experience, and real-life results are important when we evaluate ideas.

Simple example: A child builds a LEGO bridge. The idea is tested by whether the bridge can actually hold something.

Famous philosophers: Charles Peirce, William James, John Dewey

9. Falsifiability (Karl Popper)

Main idea: A scientific theory must be open to being tested and shown to be wrong.

Simple example: Consider the statement, "All swans are white." Finding one black swan would show that the statement is false.

Message: Science is not simply about collecting evidence that supports an idea. Scientific theories must also be open to testing and possible rejection.

Famous philosopher: Karl Popper

10. Research Programs (Imre Lakatos)

Main idea: Science develops through larger "research programs," not only through individual theories.

How it works:

Core: The central ideas of a research program that scientists usually try to preserve.

Protective belt: Additional hypotheses that can be changed or adjusted when experiments reveal problems.

Progress versus stagnation: A research program is valuable when it leads to new discoveries and successful predictions.

Message: Scientists improve and develop their theories over time. Science is always growing and changing.

Famous philosopher: Imre Lakatos

11. Instrumentalism

Main idea: A scientific theory can be understood as a useful tool for predicting and understanding phenomena, even if it does not provide a final explanation of ultimate reality.

Simple example: Newton's theory helped scientists predict the movement of planets. Later, Einstein developed a different and more accurate theory in some situations.

Message: According to instrumentalism, what matters most is whether a theory is useful and can successfully make predictions.

Associated philosophers: John Dewey, Carl Hempel, Bertrand Russell

12. Hermeneutics

Main idea: Hermeneutics is the study and practice of understanding and interpreting texts, ideas, and human experiences.

Simple example: When people read the same story, they may understand it in different ways. Their experiences and perspectives can influence their interpretations.

Message: Understanding a text is not only about knowing the meaning of individual words. Context, experience, and perspective can also play an important role.

Famous philosophers: Friedrich Schleiermacher, Wilhelm Dilthey, Hans-Georg Gadamer

General References for the History of Western Philosophy

1. Frederick Copleston, *A History of Philosophy*
A comprehensive multi-volume series covering the history of Western philosophy from the ancient Greeks to modern times. It is very detailed and scholarly, while also providing a clear historical context for the development of philosophical ideas.

2. Bertrand Russell, *A History of Western Philosophy*
A popular classic written for general readers. Russell presents philosophy in an engaging way, combining the lives of philosophers, their ideas, and the historical periods in which they lived.

3. Anthony Kenny, *A New History of Western Philosophy*
A clear and modern overview of Western philosophy, covering the period from ancient philosophy to contemporary thought. It is well structured and suitable for beginners as well as intermediate readers.

4. Simon Blackburn, *Think: A Compelling Introduction to Philosophy*
An accessible introduction to philosophy that focuses on important philosophical questions, ideas, and thinkers. Its clear explanations make it particularly suitable for teenagers and young adults.

5. Richard Popkin, *The History of Scepticism from Erasmus to Descartes*
A detailed study of early modern philosophy and the development of skepticism. It is especially useful for understanding the intellectual transition from the Renaissance to modern philosophical thought.

6. Roger Scruton, *A Short History of Modern Philosophy*
A concise and clear introduction to modern Western philosophy, covering the period from Descartes to more recent thinkers. The book combines biography, historical context, and philosophical ideas.

7. Karl Popper, *The Open Society and Its Enemies*
A major work that discusses philosophers such as Plato, Hegel, and Marx and examines their influence on political philosophy. It is particularly useful for understanding philosophical ideas within their historical and social context.

8. Frederick Copleston & Richard Robinson (Editors), *The Cambridge Companion to Philosophy*
A collection of essays and summaries dealing with major philosophers and philosophical movements. It is scholarly but readable and provides useful references for readers who wish to study particular subjects in greater depth.